01001 (CBI) Emergency Readiness for the 21st Century

Training Manager: AMA-530 Course Length: 2 hour(s)

This course is designed to help FAA employees to understand the role of the FAA, its managers, and employees during a local or national crisis. The course presents information on the FAA's emergency readiness program and on preparing for and responding to natural disasters, technological emergencies, and security threats. The course is comprised of 2 hours mandatory and 4 hours supplemental training material. The supplemental training material may be accessed at: http://inet.atctraining.FAA.gov. Then click on 'course materials'

Prerequisites: None
And one of the following: None

12051 Basic Obstruction Evaluation and Airport/Airspace Analysis

Training Manager: AMA-522 Course Length: 104 hour(s)

This course is primarily designed for air traffic, aviation standards, airports, and airway facility personnel involved in the obstruction evaluation and airport/airspace analysis programs at the regional/Washington headquarters level. The course consists of classroom instruction and laboratory exercises. Course content includes application of FAR 77, criteria; evaluation of aeronautical effect; issuance of hazard/no-hazard determinations; obstruction marking and lighting; FAR 157 and airport improvement program (AIP), airport processing, and issuance of airport airspace determinations.

Prerequisites: None
And one of the following: None

12053 OE/AAA Refresher Training

Training Manager: AMA-522 Course Length: 36 hour(s)

This refresher training is designed for personnel presently involved in the obstruction evaluation/airport airspace analysis program at the regional/Washington headquarters level. The refresher provides a review of applicable program documents and current FAA policy. Documents reviewed include FAR's 77 and 157, Order 7400.2, applicable advisory circulars, and MOU's. Discussions are held concerning the proper application of the standards, procedures, and policies contained in the aforementioned documents. Attendees are also requested to suggest areas to be covered prior to attending the training.

Prerequisites: 12051
And one of the following: None

50019 Airspace and Procedures

Training Manager: AMA-522 Course Length: 104 hour(s)

This course is designed primarily for airspace and procedures specialists in centers, terminals, regional offices, and Washington headquarters. The course consists of classroom and laboratory instruction on air traffic control documents pertaining to the airspace procedures specialist in center and terminal facilities.

Prerequisites: None
And one of the following: None

50029 Rehired Terminal Controller Training

Training Manager: AMA-512 Course Length: 144 hour(s)

Designed for former terminal full-performance-level controllers who are being reemployed by the FAA for terminal radar positions. Training consists of indoctrination, classroom instruction, and laboratory exercises. This training is designed to reacquaint the participant with the technical aspects in a terminal radar environment, cultural aspects of ATC, and the changes that have occurred since 1981.

Prerequisites: None
And one of the following: None

50033 Rehired En Route Controller Training

Training Manager: AMA-511 Course Length: 176 hour(s)

Designed for former en route full-performance-level controllers who are being reemployed by the FAA. Training consists of indoctrination, classroom instruction, and laboratory exercises designed to reacquaint the participant with the technical and cultural aspects of ATC and the changes that have occurred since 1981.

Prerequisites: None
And one of the following: None

50034 Terminal Basic Radar Training

Training Manager: AMA-512 Course Length: 144 hour(s)

This course is designed for terminal air traffic control specialists and consists of classroom and laboratory instruction. The instruction provided will enable the specialist to operate radar control positions and solve radar air traffic control problems. Course length includes 1 day of performance verification.

Prerequisites: 50032
And one of the following: 55060, 55061, 55062, 55063

50041 Tower Cab Training for Rehired Controllers

Training Manager: AMA-513 Course Length: 152 hour(s)

This course is designed to train rehired controllers in the current tower cab policies and procedures, separation standards, and equipment usage to prepare for entry into on-the-job training in a

terminal field facility.

Prerequisites: None
And one of the following: None

50043   Air Traffic Basics (Terminal)

Training Manager: AMA-513   Course Length: 200 hour(s)

The air traffic basics course is designed for newly hired air traffic control specialists hired either competitively or through the cooperative education program. The course covers basic subjects that are prerequisite to option-specific skill training. There are no prerequisites for the course. The primary methods of instruction are lecture supplemented by embedded questions and discussion points, video segments, animation, two- and three-dimensional graphics, student handouts, and individual and group exercises.

Prerequisites: None
And one of the following: None

50046   Initial Tower Cab Training

Training Manager: AMA-513   Course Length: 296 hour(s)

This course is designed for terminal air traffic control students who will be assigned to terminal facilities. The course consists of classroom and laboratory instruction in tower cab procedures. During the course, the DBRITE, tower visibility, and control tower cab operator exams are administered as well as performance verification (PV) at the end of the course.

Prerequisites: 50043
And one of the following: None

50051   OASIS Training Manager

Training Manager: AMA-514   Course Length: 24 hour(s)

This Academy-conducted course is designed to prepare flight service staff specialists to use the training manager software provided on the Operational Supportability Implementation System (OASIS) to add users, capture data, edit captured data, initiate replays, and customize the training simulator for their site.

Prerequisites: None
And one of the following: None

50113   National Traffic Management

Training Manager: ATO-220   Course Length: 28 hour(s)

In this course, students learn the promotion of a safe and efficient air transportation system through the system-wide application of traffic management processes. This seminar-style course involves a diverse group of aviation professionals in lectures and open discussions of current traffic management philosophy, as well as exploring the roles and relationships of the various entities influencing the daily operation of the National Airspace System. Participants are afforded the opportunity to visit the air traffic control system command center for familiarization.

Prerequisites: None
And one of the following: None

50114   CARF Indoctrination Course

Training Manager: ATO-220   Course Length: 24 hour(s)

This course is designed for military operations commanders and chiefs of military airfields whose duties require them to develop, process, and coordinate strategic military missions in the interest of national security. It consists of classroom and workshop activity with emphasis on the applications of FAA regulations and military procedures, both in domestic and foreign airspace. Upon completion of this course, aircraft commanders, FAA military liaison officers, and other interested personnel will have gained the knowledge and ability to implement military missions and coordinate necessary information for safe and expiditious military operations.

Prerequisites: None
And one of the following: None

50115 Enhanced Traffic Management Coordinator (ETMC)

Training Manager: AMA-522   Course Length: 64 hour(s)

This course is designed primarily for full-performance-level personnel newly selected for traffic management coordinator positions (specialist or supervisory) at all ARTCC's and TRACON/terminals. Other candidates could be supervisors, staff specialists, personnel required to perform traffic management duties, airway facility (AF/AOS) personnel, and non-FAA participants (domestic and international). The course consists of classroom and lab instruction. Subject areas include TM Management System/Unit (TMS/TMU), open-system workstation users, TM associated equipment, TM programs/procedures required for implementation, and weather coordinator dutiess.

Prerequisites: None
And one of the following: None

50118   VSCS Air Traffic Database Management

Training Manager: AMA-511   Course Length: 72 hour(s)

This training is designed for specialists responsible for maintaining the Voice Switching and Control System (VSCS) air traffic database. The course content is VSCS database management, sector communications, and administrative functions associated with the VSCS. It would be beneficial to the student to complete course 55046 prior to attending this course.

**Prerequisites: None
And one of the following: None**

50119 Enhanced Traffic Management Systems (ETMS) Administrator

Training Manager: AMA-522   Course Length: 80 hour(s)

This course is designed primarily for those personnel newly selected to be systems administrators for the open-system ETMS at their duty site's Traffic Management Unit. The course consists of classroom and lab instruction. Subject areas include TMS/unit (TMS/TMU), open-system ETMS administrator duties, to include major functions/tasks that they must be able to perform to administer the ETMS and enable its use, database management, system security, and enabling and modifying user access are among the topics covered.

**Prerequisites: None
And one of the following: None**

50143 Air Traffic Basics (En Route)

Training Manager: AMA-511   Course Length: 200 hour(s)

The air traffic basics course is designed for newly hired air traffic control specialists hired either competitively or through the cooperative education program. The course covers basic subjects that are prerequisite to option-specific skill training. There are no prerequisites for the course. The primary methods of instruction are lecture supplemented by embedded questions and discussion points, video segments, animation, two- and three-dimensional graphics, student handouts; and individual and group exercises.

**Prerequisites: None
And one of the following: None**

50144 Initial En Route Training

Training Manager: AMA-511   Course Length: 456 hour(s)

This course is designed for developmental en route air traffic control specialists (ATCS). It provides job-related knowledge and skill-oriented training. This training consists of classroom instruction, medium fidelity skills practice utilizing an interactive PC-based instructional system, and full fidelity simulation in an en route laboratory environment. Instruction provided will enable the developmental to progress into field-delivered stages of air traffic control training.

**Prerequisites: 50143
And one of the following: None**

50201 FSS En Route Flight Advisory Service

Training Manager: AMA-514   Course Length: 144 hour(s)

This course is designed for newly selected flight watch specialists, facility training specialists, and first-line supervisors at flight watch facilities. The course consists of classroom instruction and laboratory exercises on the flight watch position in an automated flight service station (AFSS) and an in-depth study of weather causes, effects, hazards, and the weather products available to the flight watch specialist. This course is pass/fail. It is recommended that students complete 57033 prior to attending this course.

**Prerequisites: None
And one of the following: None**

50242 Flight Service Initial Weather Training

Training Manager: AMA-514   Course Length: 160 hour(s)

This course teaches basic weather theory. It contains all the weather related information contained in the flight service initial qualification training program, course 50240. It is designed to prepare the student to take the national weather service pilot weather briefer's certification, weather satellite interpretation, and weather radar certification examinations. This course will prepare the student to enter a structured facility-conducted training program that will enable them to certify as a full-performance-level journeyman at an automated flight service station.

**Prerequisites: None
And one of the following: 57511**

50243 Air Traffic Basics (Flight Service)

Training Manager: AMA-514   Course Length: 200 hour(s)

The air traffic basics course is designed for newly hired air traffic control specialists hired either competitively or through the cooperative education program. The course covers basic subjects that are prerequisite to option-specific skill training. There are no prerequisites for the course. The primary methods of instruction are lecture supplemented by embedded questions and discussion points, video segments, animation, two- and three-dimensional graphics, student handouts; and individual and group exercises.

**Prerequisites: None
And one of the following: None**

50244 Initial Flight Service Training

Training Manager: AMA-514   Course Length: 416 hour(s)

This course is initial training for individuals selected for the flight service option or transferring from either the terminal or en route option to the flight service option. It provides the necessary flight service and weather knowledge to prepare the student to begin on-the-job training at a field flight service station.

Prerequisites: None
And one of the following: 50243, 50043, 50143

50245   Initial Flight Service Qualification Training

Training Manager: AMA-514   Course Length: 408 hour(s)

This course is initial qualification training for individuals selected for the flight service option or transferring from either the terminal or enroute option to the flight service option. It provides the necessary flight service and weather knowledge to prepare the student to begin on-the-job training at a field flight service station that uses operational supportability implementation system (OASIS) to provide flight services to pilots.

Prerequisites: None
And one of the following: 50243, 50043, 50143, 50020

50248   OASIS Support Functions

Training Manager: AMA-514   Course Length: 24 hour(s)

This conventional course is designed to prepare flight service support functions staff to manage the Operational and Supportability Implementation System (OASIS). This course will include a more in-depth understanding of the OASIS. The course will enable the student to add/delete users, assign user privileges, activate remote workstations, create e-mail addresses, manage facility graphics, transition the system database to a new 56-day update, and perform system troubleshooting.

Prerequisites: 57248
And one of the following: None

50302   Air Traffic Familiarization for Executives

Training Manager: AMA-521   Course Length: 24 hour(s)

This course is for executives from government and industry associated with aviation who require a general understanding of the air traffic system. It will assist in the development of a broad understanding of the services provided, the procedures employed, and the problems encountered in air traffic control (ATC). The course consists of classroom instruction and tours to facilities when time and conditions permit. Subject areas include the nation's airspace, navigational aids and airports, and air traffic services, and facilities.

Prerequisites: None
And one of the following: None

50310   Air Traffic Facility Training Administration

Training Manager: AMA-521   Course Length: 48 hour(s)

This course consists of classroom and lab instruction on identification of training orders and documents, training administration requirements, records management, team interaction, facility training responsibilities, qualification training requirements, proficiency training requirements, operational requirements, and documentation. A strong emphasis is placed on workshop activity and the importance of the 3120.4 air traffic technical training order.

Prerequisites: None
And one of the following: None

50314   Quality Assurance Program Administration

Training Manager: AMA-521   Course Length: 48 hour(s)

This course is designed primarily for newly assigned air traffic quality assurance managers and specialists in en route centers, terminals, and flight service stations. The course consists of classroom and laboratory instruction on air traffic control documents pertaining to the quality assurance programs in air traffic facilities. Participants will receive instruction on facility evaluations, preparing accident and incident files, performing accident and incident analysis, and administering the operational error and deviation investigation and reporting program.

Prerequisites: None
And one of the following: None

50316   Air Traffic Facility Manager

Training Manager: AMA-521   Course Length: 70 hour(s)

This course is designed primarily for persons selected for their first air traffic (AT) facility manager's position. Other candidates are facility officers, supervisors, staff specialists, and personnel identified for supervisory positions. The course consists of classroom and laboratory instruction with AT facility management documents pertaining to the management of an AT facility. Students receive instruction on day-to-day management of an AT facility including budget and procurement, training, accident/incident reports, negotiating with FAA/non-FAA offices, LMR, leadership, travel, HRM, and administrative skills. Team building, travel manager, and IPPS have been integrated.

Prerequisites: None
And one of the following: None

50319   Operational Supervisor's Workshop-Cadre Facilitator Training

Training Manager: AMA-521   Course Length: 28 hour(s)

This course prepares cadre instructors for delivery of Course 55047, ATC Operational Supervisors. The activities include group discussions, team activities, case study exercises, and interactive instructions. The course content includes administrative, technical, and human relations skills necessary for operational supervisors to accomplish their day-to-day tasks. Emphasis is placed on instructional content and delivery methods, utilizing group facilitation skills.

Prerequisites: None
And one of the following: None

50328   Air Traffic Facility Managers' Best Practices

Training Manager: AMA-521   Course Length: 28 hour(s)

This is a graduate-level, facilitated workshop designed exclusively for experienced air traffic facility managers and deputies. The course is interactive with group discussions on the content areas of communication, operational errors/operational deviations, pitfalls, joint decision making, and leadership..

Prerequisites: None
And one of the following: None

50331   Fundamentals of ATC OJTI: Facilitator Cadre Training

Training Manager: AMA-521   Course Length: 25 hour(s)

This training prepares classroom instructors to present the OJTI course at field facilities. Cadre training will reveiw the course contents including OJT environment, learning process, training team process, and OJT process. Participants will practice presenting course materials.

Prerequisites: None
And one of the following: None

50334   ATC Teamwork Enhancement (ATTE): Facilitator Training

Training Manager: AMA-521   Course Length: 28 hour(s)

Prepares cadre instructors to present the air traffic teamwork enhancement controller workshop. Participants will be given instruction in facilitation skills, workshop content, and training methods. Topic areas include: understanding air traffic teamwork; being a resource; communicating with others; and managing conflict and stress. Participants will be provided with a complete set of instructor materials.

Prerequisites: None
And one of the following: None

50405   Cadre-Traffic Alert and Collision Avoidance System (TCAS)

Training Manager: AMA-510   Course Length: 12 hour(s)

This course is for cadre training at each ARTCC and terminal hub facility. The cadre will deliver TCAS training to the controller work force and facility training specialists. Field training delivery will be supported with a nationally developed videotape and facilitator's

guide. TCAS training for air traffic controllers is a National Transportation Safety Board (NTSB) requirement.

Prerequisites: None
And one of the following: None

50408   Cadre Training for Airport Surface Detection Equipment -3

Training Manager: AMA-513   Course Length: 16 hour(s)

This course is the cadre (train-the-trainer) course for those persons who will teach Course 55042, Airport Surface Detection Equipment - 3 (ASDE-3), in the field. The course consists of classroom and laboratory instructions on the new ASDE-3 system.

Prerequisites: None
And one of the following: None

53004   Common ARTS for Air Traffic Support Specialists

Training Manager: AMA-522   Course Length: 96 hour(s)

This course is designed for air traffic terminal support specialists at automated radar approach control facilities that are or will be utilizing the ARTS IIE or ARTS IIIE Common Automated Radar Terminal System (Common ARTS). It provides the necessary skills, knowledge, and abilities, through classroom lecture and practical laboratory exercises required to perform the air traffic functions associated with the common ARTS support specialists tasks.

Prerequisites: None
And one of the following: None

53016   ARTS IIIA for Air Traffic Support Specialists

Training Manager: AMA-522   Course Length: 64 hour(s)

This course is designed for terminal air traffic control specialists selected as support specialists at facilities utilizing ARTS IIIA equipment. The course provides instruction on the air traffic support duties and responsibilities as defined by FAA Order 6000.51A. Lessons are conducted in a PC-classroom environment to enhance lecture presentations and work exercises. Some scenario testing of a CDR activity is conducted in an ARTS IIIA laboratory environment.

Prerequisites: None
And one of the following: None

53017   STARS for Air Traffic Support Specialists

Training Manager: AMA-522   Course Length: 96 hour(s)

This course is designed for air traffic terminal support specialists at automated radar approach control facilities that either currently or are

scheduled to utilize the full service (FS) level of Standard Terminal Automation Replacement System (STARS). Instruction is provided on the air traffic support duties and responsibilities as defined by applicable FAA orders. Using classroom instruction and practical laboratory exercises, the course provides attendees with the knowledge, skills, and abilities required to perform functions associated with the air traffic support specialists' responsibilities in a STARS environment.

Prerequisites: None
And one of the following: None

55015   Denro, Type I ICSS

Training Manager: AMA-513   Course Length: 8 hour(s)

This course is designed for air traffic control specialists (ATCS) who operate Denro, Type I Integrated Communications Switching System (ICSS) equipment. The course includes general theory characteristics and provides instructions for system startup, operation, and shutdown. It includes both normal and emergency operating procedures.

Prerequisites: None
And one of the following: None

55016   ATCS Litton II ICSS

Training Manager: AMA-513   Course Length: 6 hour(s)

This course is designed for air traffic control specialists (ATCS) who operate the Litton, Type II Integrated Communications Switching System (ICSS) equipment. The course includes equipment capabilities, provides tabular instructions for system startup, operation, and shutdown.

Prerequisites: None
And one of the following: None

55017   Supervisory ATCS/Staff Specialist Litton II ICSS

Training Manager: AMA-513   Course Length: 16 hour(s)

This course is designed for supervisory air traffic control specialists (SATCS), staff specialists, and system administrators who operate and program the Integrated Communications Switching System (ICSS) equipment. The course includes an introduction to microcomputers, equipment programming, and system startup, operations, and shutdown.

Prerequisites: 55016
And one of the following: None

55022   Terminal Site-Specific Radar ATC

Training Manager: ATX-100   Course Length: 136 hour(s)

This course is the initial terminal radar training for site-specific radar. The course must meet the requirements listed in the Terminal Instructional Program Guide (IPG). The curriculum shall be the current approved curriculum used for Course 50034, Terminal Basic Radar Training, conducted at the FAA Academy Radar Training Facility (RTF).

Prerequisites: None
And one of the following: None

55025   Flight Service Controller-In-Charge (CIC)

Training Manager: AMA-514   Course Length: 24 hour(s)

This course is for full-performance-level controllers who have temporarily assumed the responsibility of the facility operations supervisor position. This course provides comprehensive training in the operation of this position. Classroom subjects include facility administration, facility operations, aircraft incident and accident reports, and equipment outages. Successful completion of this course will qualify controllers to perform the duties of controller-in-charge.

Prerequisites: None
And one of the following: None

55034   Model 1 Full Capacity (M1FC) Specialist Training

Training Manager: AMA-514   Course Length: 80 hour(s)

This is field training for automated flight service specialists with previous flight service experience at a conventional station, but without previous Model 1 experience. The course covers all aspects of the Model 1 Full Capacity (M1FC) System as it pertains to the flight service specialist function.

Prerequisites: None
And one of the following: None

55036   Model 1 Full Capacity (M1FC) Supervisor Training

Training Manager: AMA-514   Course Length: 32 hour(s)

This is field training for automated flight service supervisors with previous flight service experience at a conventional station, but without previous Model 1 experience. The course covers all aspects of the Model 1 Full Capacity (M1FC) system as it pertains to the flight service supervisor function.

Prerequisites: 55034
And one of the following: None

55037   Airport Surveillance Radar, ASR-7

Training Manager: AMA-513 Course Length: 40 hour(s)

This course is designed to train air traffic control specialists (ATCS), facility staff, supervisory, and managerial personnel in the use and operation of the Airport Surveillance Radar (ASR-7) system. The course consists of classroom and laboratory instruction on the ASR-7 system. This training will enable facility personnel to attain certification of the ASR-7 equipment.

Prerequisites: None
And one of the following: None

55038   Airport Surveillance Radar, ASR-8

Training Manager: AMA-513 Course Length: 40 hour(s)

This course trains air traffic sontrol specialists (ATCS), facility staff, supervisory, and managerial personnel in the use and operation of the ASR-8 system. The course consists of classroom and laboratory instruction on the ASR-8 system. The training will enable facility personnel to attain certification on the ASR-8 equipment.

Prerequisites: None
And one of the following: None

55039   Precision Runway Monitor (PRM)

Training Manager: AMA-513 Course Length: 40 hour(s)

This course is designed to train air traffic control specialists (ATCS) and supervisory personnel in the use of the Precision Runway Monitor (PRM) System. The course consists of classroom instruction and laboratory exercises to teach the characteristics, capabilities, set-up, initialization, operation, and shutdown of the PRM System. This training enables facility personnel to function within the PRM operational environment. The course is designed for 8 hours of classroom lecture and 8 hours of lab/simulation.

Prerequisites: None
And one of the following: None

55040   Airport Surveillance Radar, ASR-9

Training Manager: AMA-513 Course Length: 40 hour(s)

This course is designed to train air traffic control specialists (ATCS), facility staff, supervisory, and managerial personnel in the use and operation of the ASR-9. The course consists of classroom and laboratory instruction on the ASR-9 System. This training will enable facility personnel to attain certification on the ASR-9 equipment.

Prerequisites: None
And one of the following: None

55042   Airport Surface Detection Equipment (ASDE)-3

Training Manager: AMA-513 Course Length: 8 hour(s)

This course is designed to train air traffic control specialists (ATCS), facility staff, supervisory, and managerial personnel in the use and operation of the ASDE-3 System. The course consists of classroom and laboratory instruction on the new ASDE-3 System. This training will enable facility personnel to attain certification on the ASDE-3 equipment.

Prerequisites: None
And one of the following: None

55044   VSCS Air Traffic Control Specialist Operations Course

Training Manager: AMA-511 Course Length: 16 hour(s)

This course is designed for air traffic controllers who operate the Voice Switching and Control System (VSCS). It includes keyboard and display module functions, system overview, and equipment operations.

Prerequisites: None
And one of the following: None

55046   VSCS Supervisory Air Traffic Control Specialist Course

Training Manager: AMA-511 Course Length: 40 hour(s)

This course will instruct supervisory air traffic controllers how to use the Voice Switching and Control System (VSCS) supervisory workstation. It consists of keyboard functions, system overview, and supervisory position equipment.

Prerequisites: 55044
And one of the following: None

55047   ATC Operational Supervisor's Workshop

Training Manager: AMA-521 Course Length: 32 hour(s)

This training is field conducted. It is for operational supervisors. This course will train supervisors how to accomplish their day-to-day tasks through the provisions of administrative, technical, and human relations skills. Activities included will assist supervisors in incorporating team building skills into their daily job functions. The course consists of classroom instruction, case-study exercises, and joint problem activities.

Prerequisites: None
And one of the following: None

55049 Fundamentals of ATC On-The-Job Instruction (OJTI)

Training Manager: AMA-521   Course Length: 24 hour(s)

This course is designed to make on-the-job (OJT) instructors and supervisors effective in the OJT environment and help them to meet their obligations under FAA Order 3120.4. This course is mandatory for new ly selected ATC OJTI's.

Prerequisites: None
And one of the following: None

55051 Air Traffic Controllers Teamwork Enhancement Workshop

Training Manager: AMA-521   Course Length: 24 hour(s)

Designed primarily for en route and terminal controllers to improve individual and team performance and maximize use of personal and team resources. Delivered in an active, participative environment. Topic areas include understanding air traffic teamw ork, communicating w ith others, being a resource, and managing conflict and stress.

Prerequisites: None
And one of the following: None

55053 Assistant Controller Training Stage II

Training Manager: AMA-511   Course Length: 0 hour(s)

Purpose of this training is to provide the specific skills needed to enter on-the-job training and to prepare the individual to qualify and certify on all assistant controller positions and to obtain certification on those positions.

Prerequisites: None
And one of the following: None

55054 Nonradar/Radar-Associated Controller Training Stage III

Training Manager: AMA-511   Course Length: 0 hour(s)

This course w ill provide students w ith the know ledge and skills necessary to perform nonradar/radar-associated controller duties under live traffic conditions. Students should demonstrate the ability to perform independently all duties of the position on all sectors w ithin the assigned area of specialization and attain certification on those sectors. An optional training path is offered to allow the individual to begin radar training before certifying on all nonradar/radar-associated positions.

Prerequisites: None
And one of the following: None

55055 Radar Controller Training - En Route Stage IV

Training Manager: AMA-511   Course Length: 0 hour(s)

This training qualifies individuals to perform the full range of duties to attain certification on all radar positions of operation in an area of specialization.

Prerequisites: None
And one of the following: None

55056 Optional En Route Stage III Training Path - Initial

Training Manager: AMA-511   Course Length: 0 hour(s)

This training provides the know ledge and skills necessary to attain certification on the first tw o nonradar-associated control positions, follow ed by the first tw o radar positions of operation in an area of specialization.

Prerequisites: None
And one of the following: None

55057 Optional En Route Stage IV Training Path - Final

Training Manager: AMA-511   Course Length: 0 hour(s)

Qualifies the individual for certification on the remaining nonradar/radar-associated control positions and radar positions of operation in an area of specialization.

Prerequisites: None
And one of the following: None

55058 Air Traffic Control Specialist Controller Tools

Training Manager: ATX-100   Course Length: 8 hour(s)

This is a contractor developed and administered, field conducted course to train ATCS in the operation of the controller's tool functions and controls. The course is intended for ATCS's and supervisory personnel assigned oceanic control duties. Lecture and laboratory methods are used. Laboratory exercises are performed using the ISD in a simulated environment.

Prerequisites: None
And one of the following: None

55060 Flight Data

Training Manager: AMA-513   Course Length: 0 hour(s)

Self-study course that prepares the student for qualification and

certification on the flight data position. This course includes lessons titled: Compile Statistical Data, Prepare and Distribute Flight Data, Operation of FAA Interphone System, Receive and Relay Weather Information, Unusual Situations, Receive and Relay NOTAM Information, Operation of ATIS, Operation of Standby Radio Equipment, Monitoring Navigational Aids, Operation of FDIO Equipment, and Tower Visibility.

Prerequisites: None
And one of the following: None

55061   Clearance Delivery

Training Manager: AMA-513 Course Length: 0 hour(s)

This is a self-study course which prepares the student for clearance delivery position qualification and certification.

Prerequisites: None
And one of the following: None

55062   Ground Control

Training Manager: AMA-513 Course Length: 0 hour(s)

This is a self-study course that prepares the student for qualification and certification on the ground control position. This course includes lessons titled: Aircraft recognition and Characteristics, Airport Utilization, Console Instruments, Ground Control Procedures, Taxi Information and Clearances, Emergency Procedures and Unusual Situations.

Prerequisites: None
And one of the following: None

55063   Local Control/Cab Coordinator Position Training

Training Manager: AMA-513 Course Length: 8 hour(s)

This is a self-study course that prepares the student for qualification and certification on the local control position. This course includes lessons titled: Airport Lighting Separation Minima, Heavy Jet and Wake Turbulence Separation Procedure, Runway Use and Related Information, and Helicopter Aerodynamics.

Prerequisites: None
And one of the following: None

55064   Facility Training - Nonradar Terminal Control

Training Manager: AMA-513 Course Length: 8 hour(s)

This is a self-study course that prepares the student for qualification and certification on non-radar terminal control. This course includes lessons titled: Separation, Initial Separation of Departures/Arrivals,

Stripmarking, IFR Charts and Publications, IFR Procedures and Holding, Departure Procedures and Phraseology, Emergencies and Communications Failure.

Prerequisites: None
And one of the following: None

55065   Facility Training - Radar Control Terminal

Training Manager: AMA-513 Course Length: 0 hour(s)

This is a self-study course that prepares the student for radar control position qualification and certification. This course includes lessons titled: Primary and Secondary Radar, Radar Identification Procedures, Separation Procedures, Beacon Codes, Departures, Transfer of Radar Identification, Arrival Procedures, Vectoring Speed Adjustments, Handling High Performance Aircraft, Airfiles, Practice Instrument Approaches, VFR-on-Top Operations, Special VFR Operations, Additional Services, Visual Approaches, Terminal VFR Radar Service, Surveillance Approach Procedures, Emergencies, Hijacking, Radio Failure, Overdue Aircraft, and Fuel Dumping.

Prerequisites: None
And one of the following: None

55071   Automated Radar Terminal System IIIA

Training Manager: AMA-513 Course Length: 40 hour(s)

This Academy-developed course is designed to teach air traffic control specialists, supervisory, and staff personnel the functions, operations, and keyboard entries of the Automated Radar Terminal System (ARTS IIIA). Classroom instruction and laboratory exercises cover the computer subsystems, operational and support programs, display data and controls, data blocks, the controller quick reference card, and the keyboard inputs.

Prerequisites: None
And one of the following: None

55072   Controller-In-Charge (CIC) (En Route)

Training Manager: AMA-530 Course Length: 8 hour(s)

This lesson covers topics necessary to train full-performance-level air traffic control specialists selected for CIC in the en route option.

Prerequisites: 57057
And one of the following: None

55073   Controller-In-Charge (CIC) (Terminal)

Training Manager: AMA-530 Course Length: 8 hour(s)

This course covers topics necessary to train full-performance-level air traffic control specialists selected for CIC duties in the terminal

environment. Completion of course 57060 is prerequisite to this course.

Prerequisites: 57060
And one of the following: None

55074   ACE-IDS System Administrator

Training Manager: AMA-513 Course Length: 40 hour(s)

This course is conventional classroom training and hands-on practice designed for staff or air traffic control specialists who are responsible for system configuration of the ACE-IDS. It covers the use of the system administrator's terminal to configure the ACE-IDS controller display, design, modify, and/or augment site specific screens for display on the controller's display.

Prerequisites: None
And one of the following: None

55075   ASDE-X ATCS Course

Training Manager: ATX-100   Course Length: 13 hour(s)

This course provides the knowledge and skills air traffic control specialists (ATCS's) require to operate the ASDE-X System and supervisors/controllers in charge require to supervise ASDE-X operations. The course consists of computer-based instruction, classroom instruction, and hands-on exercises on ASDE-X equipment. Subject matter includes: ASDE-X overview, memorandum of understanding, controller interface, ASDE-X applications, and procedures.

Prerequisites: None
And one of the following: None

55077   AFSS NOTAM Short Term Solution (NSTS)

Training Manager: AMA-530 Course Length: 2 hour(s)

This course is designed as conventional self study to assist the flight service specialist in the operation of the NSTS System. The tutorial gives a basic overview of the NSTS display. It provides a basic understanding of the NSTS display characteristics and how to deal with NOTAMS when using the NSTS System.

Prerequisites: None
And one of the following: None

55079 ARTS Color Display Training for Air Traffic Controllers

Training Manager: ATX-100   Course Length: 8 hour(s)

This course is to train air Traffic control specialists to functionally operate the ARTS color display. The course consists of 3 hours of

lecture, 3 hours of lab followed by a review, and a 1 hour performance check. This training to be conducted at field facilities.

Prerequisites: None
And one of the following: None

55080   DEDS to FDADS Transition Training

Training Manager: AMA-510 Course Length: 3 hour(s)

This course is designed to train air traffic control specialists to functionally operate the Full Digital Automated Radar Terminal Display System (FDAD). This course consists of 1 hour of lecture, 1 hour laboratory exercise followed by a review, and a half hour performance verification.

Prerequisites: 55071
And one of the following: None

55081   ARTS IIIA to ARTS IIIE Transition Training

Training Manager: AMA-510 Course Length: 13 hour(s)

This course is designed to teach ARTS IIIA proficient air traffic control specialsts, supervisory, and staff personnel the ARTS IIIE functions, operations, and keyboard entries which differ from ARTS IIIA. Classroom instruction covers data blocks; multi-function keyboard inputs, F8, F9, CA, F12, F13, and F16 keyboard inputs; implied functions; supervisory multi-function keyboard inputs; and supervisory keyboard inputs CA, F12, F8, F16, and multi-function A and T. This course includes part-task exercises and performance verification.

Prerequisites: None
And one of the following: None

55083   AMASS ATCS Training

Training Manager: AMA-530 Course Length: 6 hour(s)

This course provides instruction in the operation of the Airport Movement Area Safety System (AMASS) for ATCS's. The course consists of approximately 5 hours lecture, 1 hour computer-based instruction (CBI) exercises, and 30 minutes of testing. The lecture covers operation and use of the system and national controller and supervisory procedures. The CBI exercises provide a review of AMASS symbology and keyboard entries. The CBI includes a performance check that requires 100 percent correct performance and provides a review for operations that are performed incorrectly.

Prerequisites: None
And one of the following: None

55084   Tower Data Link Services (TDLS) ATCS

Training Manager: AMA-530 Course Length: 6 hour(s)

This course provides instruction in the operation of TDLS for ATCS's. The training consists of approximately 4 hours of computer-based instruction (CBI) and 2 hours on-the-job training and includes a performance check at the end of the training. The CBI covers basic system architecture and characteristics, components, and instruction on the three applications within TDLS: (1) pre-departure clearances (PDC); (2) flight data input/output (FDIO); and (3) digital automatic terminal information services (D-ATIS).

Prerequisites: None
And one of the following: None

55085 Tower Data Link Services Application Specialists Training

Training Manager: AMA-530 Course Length: 40 hour(s)

This training provides the resources and guidance necessary for the incumbent TDLS application specialist to conduct on-the-job training for application specialist tasks in support of TDLS. Note the name of this position changed from system administrator to application speciailst following the technology refresh in 2001-2002. The course consists of several guided sessions consisting of reading the manual followed by a one-on-one tutorial, demonstration, practice, and a performance check.

Prerequisites: 55084
And one of the following: None

55086 Remote ARTS Color Display (R-ACD) for Air Traffic

Training Manager: AMA-513 Course Length: 7 hour(s)

This course is designed for terminal air traffic control specialists who will use Remote ARTS Color Display (R-ACD) equipment. This course covers the functional use of R-ACD. It is conducted by facility personnel at field sites and is comprised of a classroom lecture followed by hands on training on ACD/R-ACD equipment utilizing an ETG scenario, simulated 6 level weather display, student guides, laboratory guides, reference documents, and performance checklist.

Prerequisites: None
And one of the following: None

55087 URET/CCLD AT Operator's Training

Training Manager: ATX-100   Course Length: 40 hour(s)

This course which consists of 12 hours CBI, 12 hours lecture, and 16 hours lab provides operator training for air traffic personnel at the 7 user request evaluation tool/core capability limited deployment (URET/CCLD) en route sites. It consists of 5 days instruction consisting of CBI, lecture, and Dysim scenarios. The controller is monitored at an operational position for 1 day following completion of the course. The monitoring or operational environment reinforcement is performed to ensure the controller understands the URET functions.

Prerequisites: None
And one of the following: None

55088 ASDE-X Cadre Course

Training Manager: ATX-100   Course Length: 20 hour(s)

This course provides the knowledge and skills cadre personnel require to effectively train AT cadre instructor personnel on the ASDE-X System. The course consists of computer-based instruction, classroom instruction, and hands-on exercises on ASDE-x equipment. Subject matter includes: ASDE-X overview, memorandum of understanding, situation monitoring, adjusting ASDE-X settings, monitoring system operations, national procedures, monitor system operation, and supervisor/CIC procedures.

Prerequisites: None
And one of the following: None

55089 OASIS Controller-In-Charge (CIC) Training

Training Manager: AMA-514 Course Length: 12 hour(s)

This conventional course is designed to prepare flight service specialists to perform supervisory functions on the Operational and Suportability Implementation System (OASIS) when serving as controller-in-charge (CIC). This course will include a more in-depth understanding of the OASIS that will enable the CIC to monitor the system for errors and interact with the OASIS hotline to resolve system problems.

Prerequisites: 55248
And one of the following: None

55090 AMASS ATCS Training

Training Manager: AMA-530 Course Length: 8 hour(s)

This course provides instruction in the operation of Airport Movement Area Safety System (AMASS) Build 5 for air traffic control specialists (ATCS) and supervisory ATCS/controllers in charge (SATCS/CIC). The course consists of 5 hours of classroom lecture, 1 hour CBI, and 30 minutes of testing. The classroom lecture covers operation of the system and national ATCS and SATCS/CIC procedures. The CBI provides a reveiw of AMASS symbology and keyboard entries and may be used for refresher training. The CBI includes knowledge and performance checks that both require 100 percent correct performance and provide reviews for items that are perfored incorrectly.

Prerequisites: None
And one of the following: None

55091   User Request Evaluation Tool Operational Support Spec

Training Manager: ATX-100   Course Length: 8 hour(s)

This course is for individuals that w ill be w orking the operational manager in charge (OMIC), operational supervisors in charge (OSIC), or traffic management coordinator (TMC) positions in enroute facilities that w ill be transitioning to the user request evaluation tool (URET). This is a 1-day course that familiarizes the student w ith URET functionalities. It also includes input for airspace information changes, equipment outages, and local and national procedures for using URET. The course contains lecture, computer-based instruction, and designated dynamic simulation DYSIM practice.

Prerequisites: None
And one of the following: None

55092   EFSTS Air Traffic Training

Training Manager: ATX-100   Course Length: 1 hour(s)

The course provides instruction in the proper operation of Electronic Flight Strip Transfer System (EFSTS) equipment for ATCS, SATCS, and CIC's. The course consists of approximately 1 hour of interactive instruction and includes a performance check at the end of the training. The course covers system components, characteristics, and proper operations of EFSTS.

Prerequisites: None
And one of the following: None

55093   Stand Alone Tower Display System (ARTS 1E)

Training Manager: AMA-512   Course Length: 24 hour(s)

This course is for low traffic density tow ers not associated w ith a TRACON that have the capability of receiving a long or short range radar feed. The radar feed is fed through the ARTS 1E System and displayed on a remote ARTS color display. The course covers equipment functionality and ARTS entries needed to operate the system. There is a lesson plan on mosaic included as an appendix for facilities that have the capability of receiving radar feeds from more than one sensor.

Prerequisites: None
And one of the following: None

55094   International Pilot Weather Briefing

Training Manager: AMA-514   Course Length: 8 hour(s)

This course is conducted by National Weather Service instructors and is intended for certified pilot w eather briefers. It contains additional w eather information specifically designed for international pilot w eather briefers. It teaches the differences betw een the northern and southern hemispheres and the additional w eather products not normallly used in domestic pilot w eather briefing.

Prerequisites: None
And one of the following: None

55116   Traffic Management Coordinator Facility Training

Training Manager: AMA-522   Course Length: 40 hour(s)

The course is designed primarily for Traffic Management System personnel w ho have completed course 50115 and are training for position certification at all ARTCC's, Level 4 and 5 TRACON's, and the ATCSCC. It w ill allow for local policies and procedures to be included in the instruction. It w ill also provide refresher training for TM personnel to renew their know ledge of national and local rules and regulations. The course consists of classroom instruction and on-the-job training (OJT). The specialists w ill be able to perform, under normal supervision, the duties of the traffic management specialist for each operating position in the Traffic Management Unit.

Prerequisites: 50115
And one of the following: None

55225   Flight Service Station Area Knowledge

Training Manager: AMA-514   Course Length: 0 hour(s)

This course is Phase IV of the flight service facility qualification and certification training. It provides the developmental w ith the know ledge necessary to begin position qualification training. The training is conducted in accordance w ith Air Traffic Technical Training, Order 3120.4H.

Prerequisites: None
And one of the following: None

55226   Flight Service Station (FSS) Weather Observer

Training Manager: AMA-514   Course Length: 0 hour(s)

This course, Phase V of the flight service facility qualification and certification training, it provides on-the-job training for position qualification and certification to perform w eather observer duties. Training is conducted in accordance w ith Air Traffic Technical Training, Order 3120.4H.

Prerequisites: None
And one of the following: None

55228   Flight Service Station (FSS) Broadcast

Training Manager: AMA-514   Course Length: 0 hour(s)

This course, Phase VI of the flight service facility qualification/certification training, provides on-the-job training for

position qualification and certification to perform broadcast duties. This training is conducted in accordance with Air Traffic Technical Training, Order 3120.4.

Prerequisites: None
And one of the following: None

55229   Flight Service Station (FSS) Flight Data

Training Manager: AMA-514   Course Length: 0 hour(s)

This course, Phase VII of the flight service facility qualification/certification training, provides on-the-job training for position qualification and certification to perform flight data duties. This training is conducted in accordance with Air Traffic Technical Training, Order 3120.4.

Prerequisites: None
And one of the following: None

55230   Flight Service Station (FSS) Preflight

Training Manager: AMA-514   Course Length: 0 hour(s)

This course, Phase VIII of the flight service facility qualification/certification training, provides on-the-job training for position qualification and certification to perform preflight duties. This training is conducted in accordance with Air Traffic Technical Training, Order 3120.4H.

Prerequisites: None
And one of the following: None

55231   Flight Service Station (FSS) In-Flight

Training Manager: AMA-514   Course Length: 0 hour(s)

This course, Phase ix of the flight service facility qualification/certification training, provides on-the-job training for position qualification and certification to perform in-flight duties. This training is conducted in accordance with Air Traffic Technical Training, Order 3120.4.

Prerequisites: None
And one of the following: None

55234   ICSS Specialist Training-Litton Type III

Training Manager: AMA-514   Course Length: 16 hour(s)

This course is designed for automated flight service station (AFSS) personnel who use the Integrated Communications Switching System (ICSS), Litton, Type III equipment. It is conducted by facility training specialists at AFSS sites and consists of classroom instruction and laboratory exercises. The subject areas include the use of the ICSS equipment; intercom, interphone, and radio functions; the Automatic

Call Distribution (ACD) system; and the Voice Retrieval and Store (VRS) system.

Prerequisites: None
And one of the following: None

55235   ICSS Supervisor Training-Litton Type III

Training Manager: AMA-514   Course Length: 32 hour(s)

This course is designed for automated flight service station (AFSS) supervisory personnel who use the Integrated Communications Switching System (ICSS), Litton, Type III equipment. It is conducted by facility training specialists at AFSS sites and consists of classroom instruction and laboratory exercises. The subject areas include the system control unit (SCU); the automatic call distribution voice retrieval and store (ACD/VRS) audio bridge, monitoring the ACD, recording ACD system prompts, extracting data from the Management Information System (MIS), and modifying agents in the MIS.

Prerequisites: 55234
And one of the following: None

55239   Automated Flight Service Station (AFSS) Area Knowledge

Training Manager: AMA-514   Course Length: 0 hour(s)

This course, Phase IV-A of the automated flight service facility qualification and certification training, it provides the developmental with the knowledge necessary to begin position qualification training in a Model 1 equipped AFSS. Training is conducted in accordance with Air Traffic Technical Training, Order 3120.4

Prerequisites: None
And one of the following: None

55240   Automated Flight Service Station (AFSS) Weather Observer

Training Manager: AMA-514   Course Length: 0 hour(s)

This course is Phase V-A of the automated flight service facility qualification and certification training. It provides on-the-job training for position qualification and certification to perform weather observer duties. Training is conducted in accordance with Air Traffic Technical Training, Order 3120.4.

Prerequisites: None
And one of the following: None

55241   Automated Flight Service Station (AFSS) Broadcast

Training Manager: AMA-514   Course Length: 0 hour(s)

This course, Phase VI-A of the automated flight service facility qualification and certification training. It provides on-the-job training for position qualification and certification to perform broadcast duties. Training is conducted in accordance with Air Traffic Technical Training, Order 3120.4.

Prerequisites: None
And one of the following: None

55242 Automated Flight Service Station (AFSS) Flight Data/Edit

Training Manager: AMA-514 Course Length: 0 hour(s)

This course, Phase VII-A of the automated flight service facility qualification/certification training, provides on-the-job training for position qualification/certification to perform flight data duties. Training is conducted in accordance with Air Traffic Technical Training, Order 3120.4

Prerequisites: None
And one of the following: None

55243 Automated Flight Service Station (AFSS) NOTAM

Training Manager: AMA-514 Course Length: 0 hour(s)

This course is Phase VIII-A of the automated flight service facility qualification and certification training. It provides on-the-job training for position qualification and certification to perform NOTAM duties. Training is conducted in accordance with Air Traffic Technical Training, Order 3120.4

Prerequisites: None
And one of the following: None

55244 Automated Flight Service Station (AFSS) Preflight

Training Manager: AMA-514 Course Length: 0 hour(s)

This course is Phase IX-A of the automated flight service facility qualification and certification training. It provides on-the-job training for position qualification and certification to perform preflight duties. Training is conducted in accordance with Air Traffic Technical Training, Order 3120.4.

Prerequisites: None
And one of the following: None

55245 Automated Flight Service Station (AFSS) Inflight

Training Manager: AMA-514 Course Length: 0 hour(s)

This course is Phase X-A of the automated flight service facility qualification and certification training. It provides on-the-job training for position qualification and certification to perform inflight duties. This training is conducted in accordance with Air Traffic Technical Training, Arder 3120.4.

Prerequisites: None
And one of the following: None

55246 Automated Flight Service Station (AFSS) Coordinator

Training Manager: AMA-514 Course Length: 0 hour(s)

This course is Phase XI-A of the automated flight service facility qualification and certification training. It provides on-the-job training for position qualification and certification to perform coordinator duties. This training is conducted in accordance with Air Traffic Technical Training, Order 3120.4.

Prerequisites: None
And one of the following: None

55247 FSS/AFSS En Route Flight Advisory Service (EFAS)

Training Manager: AMA-514 Course Length: 0 hour(s)

This course is Phase XII-A of the automated flight service facility qualification and certification training, It provides on-the-job training for position qualification and certification to perform en route flight advisory service (EFAS) duties. This training is given only at facilities with EFAS positions and to individuals selected to staff these positions. This training is conducted in accordance with Air Traffic Technical Training, Order 3120.4.

Prerequisites: None
And one of the following: None

55248 OASIS Specialist Training

Training Manager: AMA-514 Course Length: 56 hour(s)

This course is an integral part of a computer-based and conventional training program designed to prepare flight service specialists to operate the Operational and Supportability Implementation System (OASIS) through interaction with the Weather Information and Navigational Graphics System (WINGS) and Weather Information Network Display (WIND) application software. These two software programs are the specialist's interface to flight planning and weather information.

Prerequisites: 57248
And one of the following: None

55249 OASIS Supervisor Training

Training Manager: AMA-514   Course Length: 16 hour(s)

This conventional course is designed to prepare flight service supervisors to manage the Operational and Supportability Implementation System (OASIS). The course will include a more in-depth understanding of the OASIS that will enable the supervisor to monitor the system for errors and interact with the OASIS hotline to resolve system problems.

Prerequisites: 55248
And one of the following: None

55250 ICSS Denro, Operator Training - Phase IA

Training Manager: AMA-514   Course Length: 24 hour(s)

This course is designed for automated flight service station (AFSS) specialists who use the Integrated Communication Switching System (ICSS), Denro, Type III, Phase IA equipment. It is conducted by facility training specialists at AFSS sites and consists of classroom instruction and laboratory exercises. The subject areas include the use of ICSS equipment; intercom, interphone, and radio functions; the Automatic Call Distribution (ACD) System; and the Voice Retrieval and Store (VRS) System.

Prerequisites: None
And one of the following: None

55251 ICSS Denro, Supervisor Training - Phase IA

Training Manager: AMA-514   Course Length: 24 hour(s)

This course is designed for automated flight service station (AFSS) supervisory personnel who use Integrated Communications Switching System (ICSS), Denro, Type III, Phase IA equipment. It is conducted by facility training specialists at AFSS sites and consists of classroom instruction and laboratory exercises. The subject areas include the use of ICSS equipment; intercom, interphone, and radio functions; the Automatic Call Distribution (ACD) System; and the Voice Retrieval and Storage (VRS) System. Upon completion of this course, the supervisor will be knowledgeable about ICSS equipment, operation procedures, and the commands that are used.

Prerequisites: 55250
And one of the following: None

55401 STARS EDC/EASL for Certified Professional Controllers

Training Manager: ATX-100   Course Length: 40 hour(s)

This course is designed to provide certified professional controllers with the knowledge and skills necessary to operate the STARS early display configuration (EDC) emergency and existing automation service levels. Materials from courses 57401 and 59401 are to be used by facility training specialists to tailor the course to site needs.

Sufficient simulation practice shall be included to permit students to successfully complete performance evaluation.

Prerequisites: None
And one of the following: None

55402 STARS FSL/ESL for Certified Professional Controllers

Training Manager: ATX-100   Course Length: 56 hour(s)

This course is designed to provide certified professional controllers (CPC's) with the knowledge and skills required to operate STARS in full and emergency service levels (FSL/ESL). Materials from courses 57402 and 59402 are to be used by facility cadre instructors to tailor the course to site needs. Sufficient simulation practice shall be included to permit the students to successfully complete a performance evaluation.

Prerequisites: None
And one of the following: None

55451 Keyboard Video Display Terminal Replacement Training for AT

Training Manager: ATX-100   Course Length: 1 hour(s)

The course is designed to provide air traffic personnel instruction on the replacement KVDT. It provides an explanation of the differences between the components and functions of the existing IBM 3180 KVDT and the replacement Visara 1883 KVDT. The course consists of one self-directed lesson with an end-of-course test.

Prerequisites: None
And one of the following: None

55501 National Weather Service Tower Visibility Examination

Training Manager: AMA-513   Course Length: 0 hour(s)

This examination tests the developmental air traffic control specialist's (ATCS) knowledge of observing and reporting procedures for determining tower visibility values in accordance with the federal meteorological handbook.

Prerequisites: None
And one of the following: None

55504 En Route Radar Qualification Examination (CPT)

Training Manager: AMA-511   Course Length: 0 hour(s)

This examination tests the developmental air traffic control specialist's

(ATCS) ability to define terms associated with primary and secondary radar, knowledge of the basic radar procedures, and knowledge of radar separation procedures.

Prerequisites: None
And one of the following: None

55505 EFAS Recertification Examination

Training Manager: AMA-514 Course Length: 0 hour(s)

This examination is the written portion of the En Route Flight Advisory Service (EFAS) recertification. Final certification requires a performance evaluation certified by the specialist's facility manager.

Prerequisites: 50201
And one of the following: None

55508 Control Tower Operator Examination

Training Manager: AMA-513 Course Length: 0 hour(s)

The CTO exam is the written portion of the CTO certifaction process. The certification examination is directed by FAR, Part 65 (Certification of Airmen), subpart B - Air Traffic Control Tower Operators.

Prerequisites: None
And one of the following: None

55510 Terminal D-BRITE Certification Examination

Training Manager: AMA-513 Course Length: 8 hour(s)

This exam tests the developmental ATCS ability to define terms associated with: primary and secondary radar; knowledge of the basic components of the digital bright radar indicator tower equipment (D-BRITE) controls; and the functional use of tower radar displays. Note: The exam is located at the end of the computer-based instruction (CBI) Course 57047.

Prerequisites: None
And one of the following: None

55512 Weather Analysis Certification Exam

Training Manager: AMA-514 Course Length: 1 hour(s)

This examination is the written portion of the weather analysis training. In addition, final pilot weather briefing certification requires successful completion of an oral perforamce exam administered by the National Weather Service.

Prerequisites: None
And one of the following: None

56001 Airspace Management (Air Force)

Training Manager: AMA-500 Course Length: 80 hour(s)

This course provides training on the National Airspace System (NAS), categories of airspace, military training route program, airspace and air traffic control criteria, airspace charting and lead time, environmental aspects, and exercise airspace requirements. For class schedules and points of contact, visit website http://etca.randolph.AF.mil and search for 'airspace management' or course number E30ZR11A4X-000.

Prerequisites: None
And one of the following: None

57001 (CBI) OP SUP-Accidents and Other Unusual Situations

Training Manager: AMA-530 Course Length: 2 hour(s)

This course trains air traffic supervisors in the required procedures when accidents, incidents, or other unusual events take place. Each module uses scenarios to provide details about the steps that must be completed within the first few hours of the event.

Prerequisites: None
And one of the following: None

57002 (CBI) NOTAMS

Training Manager: AMA-530 Course Length: 4 hour(s)

After completing this lesson, student will be able to identify and list the types of NOTAMS and, through simulation exercises, demonstrate how to classify, prepare, read, and transmit NOTAMS.

Prerequisites: None
And one of the following: None

57003 (CBI) In-Flight Icing

Training Manager: AMA-530 Course Length: 2 hour(s)

This training covers five main topics: categories and intensities of icing; cause of icing; pilot needs and wants; controller actions; and reporting.

Prerequisites: None
And one of the following: None

57004 (CBI) Military Operations: Aerial Refueling

Training Manager: AMA-530 Course Length: 1 hour(s)

This military operations training is comprised of five modules: aerial refueling; altitude reservations; formation flights; special-use airspace;

and special operations. The objective of this course is to increase the knowledge and awareness of procedures, rules, and terms associated with military operations.

Prerequisites: None
And one of the following: None

57005 (CBI) ASOS

Training Manager: AMA-530 Course Length: 8 hour(s)

This is a CBI course designed to identify the components of the Automated Surface Observing System (ASOS) and its function. It also prepares the students to edit and augment the automated weather report generated by ASOS prior to transmission. This course is the equivalent of conventional course 50318.

Prerequisites: None
And one of the following: None

57006 (CBI) ATC Communications

Training Manager: AMA-530 Course Length: 1 hour(s)

This course contains a series of exercises that allow the air traffic controller to practice listening, memory, read-back, phraseology, and error recognition skills.

Prerequisites: None
And one of the following: None

57007 (CBI) Terminal Radar Speed Adjustment

Training Manager: AMA-530 Course Length: 1 hour(s)

This training will acquaint the student with when, where, and how to apply speed adjustments and how to terminate speed adjustments.

Prerequisites: None
And one of the following: None

57009 (CBI) METAR/TAF (Advanced)

Training Manager: AMA-530 Course Length: 6 hour(s)

This course is designed for controllers who either take limited aviation weather reports (LAWRS) or have pilot weather briefer responsibilities. It covers how to encode and interpret the international format for METAR and interpret TAF.

Prerequisites: 57008
And one of the following: None

57012 (CBI) Hijacked Aircraft

Training Manager: AMA-530 Course Length: 1 hour(s)

This computer-based instruction (CBI) lesson is designed for terminal and en route air traffic controllers. The course describes the procedures for handling hijacked aircraft.

Prerequisites: None
And one of the following: None

57013 (CBI) Aircraft Bomb Threats

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson is designed for terminal and en route air traffic controllers. The training describes the emergency procedures for handling in-flight, on-the-ground, and hijacking bomb threats.

Prerequisites: None
And one of the following: None

57014 (CBI) RTF Radar Vectoring

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson is designed for developmental and full-performance-level air traffic controllers at terminal radar facilities to increase their knowledge of the procedures, techniques, and phraseology utilized in radar vectoring.

Prerequisites: None
And one of the following: None

57015 (CBI) Military Operations - Altitude Reservations

Training Manager: AMA-530 Course Length: 1 hour(s)

This computer-based instruction lesson is designed for use by terminal and en route air traffic controllers to increase their knowledge of the terms separation requirements and flight data processing associated with altitude reservations (ALTRV's).

Prerequisites: None
And one of the following: None

57016 (CBI) Instructional Testing

Training Manager: AMA-530 Course Length: 1 hour(s)

This computer-based instruction (CBI) lesson is designed to teach training personnel how to write performance-based objectives, good test questions, and distracters. Training personnel can also use this lesson to create site-specific computer-based tests. No additional software is required to compile, run, or administer tests created with this lesson. Tests created with this program can be saved or archived for later use.

Prerequisites: None
And one of the following: None

57017 (CBI) Military Operations: Special Use Airspace

Training Manager: AMA-530   Course Length: 1 hour(s)

This CBI lesson provides the student with general definitions and explanations of various types of special use airspace; responsibilities and requirements for both controller and user; separation standards, and altimeter adjustment procedures.

Prerequisites: None
And one of the following: None

57018 (CBI) RTF: Primary and Secondary Radar

Training Manager: AMA-530   Course Length: 1 hour(s)

This CBI lesson provides basic background information on the operation of primary and secondary radar systems. Items covered include basic radar principles, primary and secondary radar systems and targets, and radar phenomena (jamming, anomalous propagation, and interference). This lesson is targeted to those individuals with a limited knowledge of radar operation.

Prerequisites: None
And one of the following: None

57019 (CBI) RTF: Radar Separation

Training Manager: AMA-530   Course Length: 1 hour(s)

This CBI lesson provides a review of the criteria and principles involved in the separation of aircraft using both primary and secondary radar targets. Items covered include basic separation minima, separation of aircraft in formation flight, separation from adjacent sectors and airspace, separation from obstructions, and separation of departing aircraft. This lesson presumes FPL-level knowledge.

Prerequisites: None
And one of the following: None

57020 (CBI) Altitude Assignment

Training Manager: AMA-530   Course Length: 1 hour(s)

This CBI lesson provides a review of basic altitude assignment procedures and criteria in both the terminal and en route environments. Items covered are altitude assignment information, direction of flight criteria, procedures for altitude above FL290, cruise clearances, and a review of various altitude minima. This lesson presumes FPL-level knowledge.

57021 (CBI) RTF: Radar Identification

Training Manager: AMA-530   Course Length: 1 hour(s)

This CBI lesson provides the FPL controller with a review of basic radar identification practices and procedures. Items covered are radar identification terminology and methods, identification status, position information, and questionable identifications. This lesson presumes FPL-level knowledge.

Prerequisites: None
And one of the following: None

57022 (CBI) Military Operations: Military Training Routes

Training Manager: AMA-530   Course Length: 1 hour(s)

This computer-based instruction (CBI) lesson provides the student with an introduction to basic route components and IFR, VFR, and slow route procedures and phraseologies.

Prerequisites: None
And one of the following: None

57023 (CBI) DARC

Training Manager: AMA-530   Course Length: 1 hour(s)

This CBI course covers the transition to and from the DARC backup system for en route controllers. It contains four modules covering how DARC fits into NAS, the procedures to be followed at the start of a shift to ensure a smooth transition to DARC if necessary, the transition from HOST to DARC/HOST, system limitations in the DARC/HOST mode, transition from HOST to DARC/only, and transition from a DARC mode back to HOST operation. The user may also elect to view an optional 25-minute video.

Prerequisites: None
And one of the following: None

57024 (CBI) Low-Level Wind Shear/Microburst Alerts

Training Manager: AMA-530   Course Length: 1 hour(s)

This CBI lesson provides the controller with a review of procedures for receiving and disseminating low-level wind shear and microburst information. Items covered are characteristics of wind shear and microbursts and the effects of wind shear and microbursts on aircraft. Methods for receiving windshear and microburst alerts, procedures for disseminating alerts, and inter/intra-facility

coordination. The lesson assumes FPL know ledge.

Prerequisites: None
And one of the following: None

57025   (CBI) Position and Hold

Training Manager: AMA-530 Course Length: 1 hour(s)

This is a refresher course that covers the procedures and phraseology used to issue a position and hold clearance. The primary audience is air traffic control specialists in the terminal option.

Prerequisites: None
And one of the following: None

57030   (CBI) Wake Turbulence

Training Manager: AMA-530 Course Length: 1 hour(s)

This course addresses the procedures to be follow ed to keep aircraft clear of the turbulent w ake of other aircraft. Topics include causes, behavior, and consequences of w ake turbulence; the separation rules and control procedures for arriving aircraft; and departing aircraft.

Prerequisites: None
And one of the following: None

57032   (CBI) Emergencies

Training Manager: AMA-530 Course Length: 1 hour(s)

This CBI lesson provides refresher training for FPL controllers on criteria for determining w hen an emergency exists and the course of action to follow in selected situations.

Prerequisites: None
And one of the following: None

57033   (CBI) WSR-88D Radar Image Interpretation

Training Manager: AMA-530 Course Length: 8 hour(s)

This is a computer-based course designed for air traffic control specialists w ho require basic w eather radar know ledge and use WSR-88D products in their daily w ork assignments. This training w ill prepare the student for the National Weather Service (NWS), w eather radar certification exam and enable them to effectively utilize WSR-88D products. It contains instructions for each of the products, then provides practical exercises that utilize the products in realistic situations.

Prerequisites: None
And one of the following: None

57034   (CBI) Aircraft Performance and Characteristics

Training Manager: AMA-530 Course Length: 1 hour(s)

This reference tool provides air traffic control specialists w ith tw o useful resources: (1) an on-line visual database of aircraft performance information, including photographs and selected silhouettes for over 250 aircraft and (2) a set of four tutorials w hich provide fundamental information related to aircraft performance. The four tutorials cover FAA classification of aircraft, reporting how aircraft speed effects air traffic control, and the effects of air density on aircraft performance.

Prerequisites: None
And one of the following: None

57035   (CBI) Air Traffic Memory Guide

Training Manager: AMA-530 Course Length: 1 hour(s)

This course is part of a continuing effort to reduce runw ay incursions. It provides w ays for controllers to manage their memory resources and help improve performance. It provides an understanding of the limitations of human memory and suggests w ays to supplement and help sustain memory capabilities. Also discussed are w ays to deal w ith distractions in the dynamic tow er cab environment, and the use of memory aids is encouraged to supplement w orking memory.

Prerequisites: None
And one of the following: None

57036   (CBI) VTABS Master Instructor/Supervisor System Overview

Training Manager: AMA-530 Course Length: 10 hour(s)

This training is for ATCS personnel responsible for master instructor/supervisor interactions on the VSCS Training and Backup System (VTABS). The course is 100% CBI. Subjects include system introduction, system overview , VTABS w orkstations, cut-over sw itch subsystem, system monitor, and control subsystem. The VTABS, VSOM, and MIDS manuals are required for the course.

Prerequisites: 55046
And one of the following: None

57037   (CBI) VTABS Database Management

Training Manager: AMA-530 Course Length: 13 hour(s)

This training is for ATCS personnel responsible for VSCS Training and Backup System (VTABS) database management. The course is 100% computer-based instruction (CBI). Subjects include system introduction, system overview , VTABS w orkstations, database management, and system monitor and control subsystem. A CBI terminal is required. Also required are the VTABS, VSOM, and MIDS manuals.

Prerequisites: 50118
And one of the following: None

57038   (CBI) DSR/AIR Traffic Control Specialist Course

Training Manager: AMA-530   Course Length: 8 hour(s)

This vendor-developed CBI course provides computer human interface training to enable air traffic control personnel to transition from the M1/PVD console to the DSR console controller functions set. It includes system overview, keyboard, and display functions in 5 radar associated and 13 radar control modules.

Prerequisites: None
And one of the following: None

57039   (CBI) DSR/Supervisory and Traffic Management Specialist

Training Manager: AMA-530   Course Length: 2 hour(s)

This vendor-developed CBI course provides computer human interface training to prepare supervisory and traffic management air traffic personnel to transition to the DSR console supervisory and traffic management functions set. The course consists of two CBI modules emphasizing the supervisory and traffic management functions.

Prerequisites: 57038
And one of the following: None

57040   (CBI) Basic Windows Training for Air Traffic

Training Manager: AMA-530   Course Length: 2 hour(s)

This CBI course is designed for air traffic control specialists who will be working with a new system designed with a Windows type graphical user interface (GUI) for interaction with the user. It covers basic Windows functions that are used in all types of Windows environments, such as menu structures, icons, and drag and drop features. It will also familiarize the student with basic terminology new to Windows systems.

Prerequisites: None
And one of the following: None

57041   (CBI) Special VFR

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson deals with the specific weather conditions and other circumstances that must exist before special VFR can be authorized. The controller will then practice proper phraseology to issue special VFR clearances.

Prerequisites: None
And one of the following: None

57045   (CBI) Creating Quality CBT

Training Manager: AMA-530   Course Length: 1 hour(s)

This course will answer basic questions on planning, course design, content design, interactivity, scripts and story boards, and production. It includes useful tips and 'best practices' presentations that show how professionals address typical problems faced by all CBT developers.

Prerequisites: None
And one of the following: None

57046   (CBI) AIDCS Controller Training

Training Manager: AMA-530   Course Length: 1 hour(s)

This vendor developed, computer-based course provides an overview of the Air Traffic Services Interfacility Data Communications System (AIDCS) for both the controller and supervisor/staff at oceanic centers. The course includes a description of the system hardware, functional description, purpose of the AIDCS, and provides instruction on the use of supervisor features, such as messages, menu's, and monitor adjustments.

Prerequisites: None
And one of the following: None

57047   (CBI) Digital Bright Radar Indicator Equipment (DBRITE)

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson is an introduction and overview of the digital bright radar indicator equipment (DBRITE). This lesson was designed to prepare the student for the DBRITE OJT. This is not a tutorial of the entire DBRITE System and its related functions.

Prerequisites: None
And one of the following: None

57048   (CBI) Weather Graphics Interpretations

Training Manager: AMA-530   Course Length: 6 hour(s)

This computer-based course is designed to prepare flight services specialists, ARTCC supervisors and traffic management unit specialists to correctly interpret graphical weather data obtained from the Operational and Supportability Implementation System (OASIS) and weather and radar processor (WARP). This includes graphical presentations of observed weather such as the surface analysis, weather depiction, radar summary, constant pressure analysis, composite moisture and stability, and winds aloft and forecast

information such as w eather prognostic and severe w eather outlook.

Prerequisites: None
And one of the following: None

57049 (CBI) En Route Speed Adjustment

Training Manager: AMA-530 Course Length: 2 hour(s)

This lesson covers procedures, methods, and minima for applying speed adjustment. Associated phraseology is also included in the lesson. The lesson is appropriate for both FPL and developmental air traffic controllers. Information in this lesson is also covered in Course 55055, Radar Controller Training, lesson E-11-11, Speed Adjustment.

Prerequisites: None
And one of the following: None

57050 (CBI) Enroute: Radar Vectoring

Training Manager: AMA-530 Course Length: 2 hour(s)

This lesson covers the reasons for issuing vectors, appropriate vectoring methods w ith associated phraseology, and the purpose of an mia chart. This lesson is appropriate for both FPL and developmental air traffic controllers. FPL controllers can go directly to the exercises for refresher training and bypass the tutorial portion of the lesson. Information in this lesson is also covered in Course 55055 radar controller training, lesson E-11-9 radar vectoring.

Prerequisites: None
And one of the following: None

57051 (CBI) Radar Services to VFR Aircraft

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson covers the basic types of radar services provided to VFR aircraft. Students w ill review the criteria for applying these services. Students w ill be provided w ith an option-specific scenario to further enhance their understanding of the services and some techniques for providing them.

Prerequisites: None
And one of the following: None

57052 (CBI) Situational Awareness - En Route and Tracon

Training Manager: AMA-530 Course Length: 2 hour(s)

This course consists of four lessons: How decisions are made - this lesson allow s controllers to think about w here specific ATC actions (e.g., issuing a clearance, scanning, updating a data block, traffic advisories) fit into a dicision-making model; Scanning - this lesson covers scanning techniques and pitfalls that must be avoided; Mental models - this lesson includes a brief introduction relating the phrase 'getting the big picture' to the cognitive process of developing a mental model of the situation; Projection - this lesson includes a brief introduction to the concept of 'projecting' and identifies the potential pitfalls that must be avoided.

Prerequisites: None
And one of the following: None

57053 (CBI) ATC OER Communications - En Route and Tracon

Training Manager: AMA-530 Course Length: 1 hour(s)

The ATC operational error reduction (OER) communications course describes an ATC communication model that emphasizes the need for standard phraseology and for active listening. This model serves as the basis for the analysis of several operational error case studies. Upon completion of the course, controllers w ill recognize the importance of proper phraseology and active listening in air traffic control.

Prerequisites: None
And one of the following: None

57054 (CBI) Reducing Operational Errors - En Route and Tracon

Training Manager: AMA-530 Course Length: 4 hour(s)

This course is designed to emphasize ATC En Route and Terminal Approach Control (TRACON) operational error reduction strategies. Through interactive instruction and excercises, controllers w ill learn about situational aw areness, ATC communications, resources, and breaking error chains.

Prerequisites: None
And one of the following: None

57055 (CBI) Flight Progress Strip Distribution

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson covers center sectors including fix postings. It outlines the procedures used to distribute flight progress strips to the appropriate sectors. The information in this lesson is also covered in Course 55053, Assistant Controller Training, lesson E-5-5, flight progress strip distribution.

Prerequisites: None
And one of the following: None

57056 (CBI) Jet Route Structure

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson covers the jet route structure and includes NavAids, intersections/DME fixes, and mileages. Information in this lesson is also covered in Course 55053, Assistant Controller Training, lesson E-5-1, jet route structure.

Prerequisites: None
And one of the following: None

57057 (CBI) Controller-In-Charge (CIC) (En Route)

Training Manager: AMA-530 Course Length: 3 hour(s)

This lesson covers topics necessary to train full-performance-level air traffic control specialists selected for CIC duties in the en route environment. This lesson is a prerequisite for course 55072.

Prerequisites: None
And one of the following: None

57058 (CBI) Non-Radar Separation

Training Manager: AMA-530 Course Length: 1 hour(s)

This course consists of four modules that detail separation rules to be applied in a non-radar environment. The four modules are vertical separation, lateral separation, longitudinal separation, and initial separation. The initial separation module covers rules for the initial separation of successive departures and for separation of arriving and departing aircraft.

Prerequisites: None
And one of the following: None

57059 (CBI) Transfer of Control

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson provides the FPL controller with a review of the terminology and procedures for coordinating use of airspace and transferring control of airspace. Items covered are when to coordinate, method for coordinating, who to coordinate with, when to transfer control, and when to assume control. The lesson presumes FPL knowledge.

Prerequisites: None
And one of the following: None

57060 (CBI) Controller-In-Charge (CIC) (Terminal)

Training Manager: AMA-530 Course Length: 3 hour(s)

This lesson covers topics necessary to train full-performance-level air traffic control specialists selected for CIC duties in the terminal environment. The lesson is the prerequisite for course 55073.

Prerequisites: None
And one of the following: None

57061 (CBI) Preventing Runway Incursions

Training Manager: AMA-530 Course Length: 4 hour(s)

This course is designed to emphasize ATC strategies for preventing runway incursions. Through interactive instruction and exercises, controllers will learn about maintaining tower situational awareness, communications, resources, and error chains.

Prerequisites: None
And one of the following: None

57062 (CBI) Situational Awareness - Tower

Training Manager: AMA-530 Course Length: 1 hour(s)

This module will consist of one lesson which will outline the critical elements of a visual and auditory scan of the controller's control area. The lesson will describe how an effective scan can help identify potential static and dynamic "hot spots" in airport operations. The lesson will also demonstrate controller methods for appropriately prioritizing actions based on the information obtained in an effective scan.

Prerequisites: None
And one of the following: None

57063 (CBI) Reducing Runway Incursions-Tower Communications

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson emphasizes the need for standard phraseology and active listening from both the pilot and controllers perspective. Audio, graphics and photographs will be used to emphasize that large percentage of runway incursions are a result of readback/hearback errors. A communication model is presented that serves as a basis for reducing runway incursions. This model is used to analyze several runway incursions.

Prerequisites: None
And one of the following: None

57064 (CBI) Controller-In-Charge (FSS)

Training Manager: AMA-530 Course Length: 3 hour(s)

This lesson covers topics necessary to train flight service station specialists selected for controller-in-charge duties.

Prerequisites: None
And one of the following: None

57066 (CBI) Enhanced Terminal Voice Switch (ETVS) Ted Course

Training Manager: AMA-530   Course Length: 4 hour(s)

This course is designed to prepare terminal controllers to operate the touch entry device (TED) w hich is a component of Denro's ETVS. The ETVS is a communication system that provides air/ground and ground/ground communications.

Prerequisites: None
And one of the following: None

57067 (CBI) Enhanced Terminal Voice Switch (ETVS) MHK Course

Training Manager: AMA-530   Course Length: 4 hour(s)

This course is designed to prepare terminal controllers to operate the membrane hardkey (MHK) w hich is a component of Denro's ETVS. The ETVS is a communication system that provides air/ground and ground/ground communication.

Prerequisites: None
And one of the following: None

57068 (CBI) Enhanced Terminal Voice Switch (ETVS) SCT Course

Training Manager: AMA-530   Course Length: 6 hour(s)

This course is designed to prepare terminal supervisors to operate the system configuration terminal (SCT) w hich is a component of Denro's ETVS. The ETVS is a communication system that provides air/ground and ground/ground communications. The SCT allow s the supervisor to change the configuration of the ETVS to meet the needs of the facility during specific situations.

Prerequisites: None
And one of the following: None

57069 (CBI) Safety Alerts and Traffic Advisories

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides students w ith a review of the procedures and phraseology used in the issuance of safety alerts and traffic advisories and for dealing w ith merging targets. Students w ill review duty priorities as w ell as types of alerts and advisories.

Prerequisites: None
And one of the following: None

57070 (CBI) Arrival and Approach Procedures

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson covers basic types of approaches, arrival information, procedures for navigation to final, and procedures for issuing approach clearances.

Prerequisites: None
And one of the following: None

57071 (CBI) DSR Computer Operational Equipment (Stage 2)

Training Manager: AMA-530   Course Length: 1 hour(s)

This course explains the relationship betw een HOST and DSR equipment. It introduces the interface equipment included in the position consoles, explains the A-position time, alarm, CRD view s, and how to operate the flight strip printer. There are practice exercises to familiarize you w ith the equipment and an end-of-lesson test. This lesson is equivalent to Course 55053, Assistant Controller Training, lesson E-5-6, Computer Operational Equipment.

Prerequisites: None
And one of the following: None

57072 (CBI) Military Operations: Formation Flights

Training Manager: AMA-530   Course Length: 1 hour(s)

The focus of this lesson is a thorough review of standard and non-standard formations as they relate to separation, special use frequencies, and break-ups. Information is provided on standard formation flights, non-standard formation flights, air combat command cell formation flights, special use frequencies, formation flight break-ups, and proper separation standards for all types of formations.

Prerequisites: None
And one of the following: None

57073 (CBI) Military Operations: Special Operations

Training Manager: AMA-530   Course Length: 1 hour(s)

This CBI lesson focuses on terms and defines the goals and purposes of specific missions and flights, user requirements, controller responsibilities, and separation requirements as they relate to special operations w ithin the military.

Prerequisites: None
And one of the following: None

57074 (CBI) ARTS IIIA

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides students training in the purpose, features, and

functions of the ARTS IIIA equipment. Specific training is provided in data entry devices, data blocks, display lists, ARTS data input, and error messages.

Prerequisites: None
And one of the following: None

57075   (CBI) RDVS IIA TED Course

Training Manager: AMA-530   Course Length: 4 hour(s)

This computer-based instruction (CBI) course is designed to prepare terminal controllers to operate the touch entry device (TED) which is a component of Litton-Amecon's Rapid Deployment Voice Switch IIA (RDVS IIA). The RDVS IIA is a communication system that provides air/ground and ground/ground communications.

Prerequisites: None
And one of the following: None

57076   (CBI) RDVS IIA System Administrator Training

Training Manager: AMA-530   Course Length: 4 hour(s)

This computer-based instruction (CBI) course is designed to prepare terminal supervisors to edit system configuration by operating the configuration control terminal (CCT) which is a component of Litton-Amercon's Rapid Deployment Terminal Voice Switch IIA (RDVS IIA). The RDVS IIA is a communication system that provides air/ground and ground/ground communications.

Prerequisites: 57075, 57077
And one of the following: None

57077   (CBI) RDVS IIA Supervisor Course

Training Manager: AMA-530   Course Length: 6 hour(s)

This computer-based instruction (CBI) course is designed to prepare terminal supervisors to operate the configuration control terminal (CCT) which is a component of Litton-Amecon's Rapid Deployment Voice Switch IIA (RDVS IIA). The RDVS IIA is a communication system that provides air/ground and ground/ground communications. The CCT allows the supervisor to change the configuration of the RDVS IIA to meet the needs of the facility during specific situations.

Prerequisites: None
And one of the following: None

57078   (CBI) ARTS IIE

Training Manager: AMA-530   Course Length: 4 hour(s)

This special issue course is part of a transition training package for controllers changing from ARTS IIA to ARTS IIE. It takes approximately 4 hours to complete. The course utilizes an ARTS IIE keyboard

connected to the CBI platform. This gives the controller the opportunity to become familiar with the new keyboard layout and gives the controller practice making the new entries. The training covers the ARTS IIE keyboard similarities, differences, and unique features; data display areas; data blocks; and common ARTS IIE entries. An evaluation scenario must be completed with a score of 95% to receive credit for the course.

Prerequisites: None
And one of the following: None

57079   (CBI) Composing HOST and DSR Messages (Stage 2)

Training Manager: AMA-530   Course Length: 2 hour(s)

This course describes message entry eligibility, three categories of messages, composition of FP, SP, RS, DM, HM, FR, and AM messages. Compositon of information request (AR, WR, SR, and FR) and miscellaneous messages (gi and siso) are also covered. Emphasis is placed on making the information required entries, amending flight plans, and using the route readout message. This lesson is equivalent to Course 55053, A Assistant controller Training, lesson E-5-8, Computer Message Composition and Entry.

Prerequisites: None
And one of the following: None

57080   (CBI) DSR Computer Field Format (Stage 2)

Training Manager: AMA-530   Course Length: 1 hour(s)

This course explains the purpose of computer messages and each message component. Format letter coding and fields 01-11 are explained. There are practice exercises to familiarize you with the equipment and an end-of-lesson test. This lesson is equivalent to Course 55053, Assistant Controller Training, lesson E-5-7, Computer Field Format.

Prerequisites: None
And one of the following: None

57081   (CBI) OJTI Refresher Training

Training Manager: AMA-530   Course Length: 3 hour(s)

This lesson serves as refresher training for OJT instructors who have completed Course 55049, fundamentals of ATC On-The-Job Training Instruction. However, supervisors or other training team members may benefit from this course.

Prerequisites: None
And one of the following: None

57082 (CBI) Traffic Alert and Collision Avoidance System (TCAS)

Training Manager: AMA-530   Course Length: 1 hour(s)

This course provides refresher training for the controller in the procedures involved upon notification that an aircaraft has left an ATC assigned altitude in response to a TCAS event. Topics covered include: how TCAS works; the types of TCAS alerts; pilot procedures; and ATC procedures.

Prerequisites: None
And one of the following: None

57083 (CBI) Visual Separation -- En Route

Training Manager: AMA-530   Course Length: 1 hour(s)

This course provides refresher training for the en route controller in the criteria and procedures involved in visual separation. Items covered include: visual separation rules; visual separation procedures; applicable phraseology; and the importance of appropriate pilot/controller interaction.

Prerequisites: None
And one of the following: None

57084 (CBI) Visual Separation -- Terminal

Training Manager: AMA-530   Course Length: 1 hour(s)

This course provides refresher training for the terminal controller in the criteria and procedures involved in visual separation. Items covered include: visual separation rules; visual separation procedures; applicable phraseology; and the importance of appropriate pilot/controller interaction.

Prerequisites: None
And one of the following: None

57085 (CBI) Weather System Processor (WSP)

Training Manager: AMA-530   Course Length: 6 hour(s)

This course is designed for terminal controllers and supervisors. It teaches how to operate the ribbon display terminal (RDT) and the geographical situation display (GSD) terminal or key pad on three separate Wind Shear Detection Systems that are installed at FAA controlled terminal facilities. The three systems are Low-Level Wind Shear Alert System (LLWAS), Weather System Processor (WSP), and Integrated Terminal Weather System (ITWS). The training will prepare the controller to interpret information on the RDT and configure the information on the RDT through the GSD.

Prerequisites: None
And one of the following: None

57086 (CBI) Ehnanced LLWAS

Training Manager: AMA-530   Course Length: 4 hour(s)

This course is for terminal controllers and supervisors. It teaches how to operate ribbon display terminal (RDT) and the geographical situation display (GSD) terminal or keypad on three separate wind shear detection systems that are installed at FAA controlled terminal facilities. The three systems are Low-Level Wind Shear Alert System (LLWAS), Weather System Processor (WSP), and Integrated Terminal Weather System (ITWS). The training will prepare the controller to interpret information on the RDT and configure the information on the RDT through the GSD.

Prerequisites: None
And one of the following: None

57087 (CBI) Integrated Terminal Weather System (ITWS)

Training Manager: AMA-530   Course Length: 6 hour(s)

This course is designed for terminal controllers and supervisors. It teaches about microbursts and different forms of wind shear and which types of wind shear FAA systems detect. It then teaches how to operate the Ribbon Display Terminal (RDT) and the Situation Display (SD) terminal on integrated terminal weather system (itws). The training will prepare the controller and supervisor to correctly utilize informatin on the RDT and configure the information on the rdt through the SD.

Prerequisites: None
And one of the following: None

57088 (CBI) STARS ATcoach Exercise Setup and Pilot Training

Training Manager: ATX-100   Course Length: 8 hour(s)

This CBI course provides the student with the knowledge and skills necessary to configure an ATcoach exercise for training. Pseudo-pilot commands are taught to enable the student to respond to and input controller-issued clearances or instructions. All inputs necessary to configure a STARS terminal controller workstation (TCW), tower display workstation (TDW), and general purpose workstation (GPW) are taught. The functionality of running a pseudo-pilot position on all platforms is taught. The course includes six CBI modules.

Prerequisites: None
And one of the following: None

57089 (CBI) Automated Weather Sensors System (AWSS)

Training Manager: AMA-530   Course Length: 4 hour(s)

This is a computer-based course designed for air traffic control specialists that will have an AWSS installed at their site. This course will enable the student to perform the necessary functions on the operator interface device to ensure the reports accuracy.

Prerequisites: None
And one of the following: None

multiple runway separation; wake turbulence separation; initial IFR separation; and helicopter separation.

Prerequisites: None
And one of the following: None

57090 (CBI) Airport Lighting

Training Manager: AMA-530   Course Length: 1 hour(s)

This computer-based course is designed for terminal controllers and supervisors. This course is designed to reduce runway incursions by teaching obstruction lights, types and meanings of rotating beacons, physical characteristics of approach, runway and taxiway lighting, and proper operation of airport lighting.

Prerequisites: None
And one of the following: None

57094 (CBI) WARP NEXRAD on DSR

Training Manager: AMA-530   Course Length: 5 hour(s)

This computer-based course provides the air traffic controller with a basic understanding of the weather display provided to DSR via WARP. It covers controlling the display and the phraseology used to convey this information to the pilot.

Prerequisites: None
And one of the following: None

57091 (CBI) Land and Hold Short Operations (LAHSO)

Training Manager: AMA-530   Course Length: 1 hour(s)

This computer-based course is designed for terminal controllers and supervisors. This course is designed to reduce runway incursions by teaching the requirements to perform LAHSO verifying conditons for LAHSO, eligible aircraft for LAHSO, issuing LAHSO clearances, understanding rejected landing procedures, and operations beyond the hold short point.

Prerequisites: None
And one of the following: None

57095 (CBI) Basic Aviation Weather

Training Manager: AMA-530   Course Length: 6 hour(s)

This computer-based course provides the air traffic controller with a basic understanding of the nature and cause of weather that impacts aviation. It covers structure of the atmosphere, winds, air masses, fronts and other atmospheric features, vertical motion, atmospheric stability, weather producing systems, and clouds and precipitation.

Prerequisites: None
And one of the following: None

57092 (CBI) Runway Use and Related Information

Training Manager: AMA-530   Course Length: 2 hour(s)

This computer-based course is designed for terminal controllers and supervisors. This course is designed to reduce runway incursions by teaching the proper methods for selecting and using runways and issuing safety alerts and advisories.

Prerequisites: None
And one of the following: None

57096 (CBI) ASR-11 Air Traffic Training

Training Manager: AMA-530   Course Length: 4 hour(s)

This course provides instruction in the proper operation of Airport Surveillance Radar 11 (ASR-11) equipment for air traffic control specialists (ATCS), supervisors (SATCS, and controllers-in-charge (CIC). The course consists of approximately 4 hours of computer-based instruction (CBI) and includes a performance check at the end of the training. The CBI covers system components, characteristics and proper operation of the radar control panel (RCP). The CBI includes an RCP simulator which allows the student to practice using the knowledge gained in the course.

Prerequisites: None
And one of the following: None

57093 (CBI) Runway Separation Minima

Training Manager: AMA-530   Course Length: 4 hour(s)

This computer-based course is designed for terminal controllers and supervisors. This course is designed to reduce runway incursions by teaching controllers on the local control position: basic local control phraseology; good operating practices; single runway separation;

57097 (CBI) Wide Area Agumentation System

Training Manager: AMA-530   Course Length: 1 hour(s)

This course is designed to provide air traffic with a basic understanding of the Wide Area Augmentation System (WAAS). It covers the components and basic operation, how WAAS impacts the NAS, and how controllers should respond to WAAS or GPS

interference or anomaly reports. The format and content of NOTAMS generated in support of WAAS operations are presented and the air traffic procedures response to the NOTAMS are discussed.

Prerequisites: None
And one of the following: None

57100 (CBI) ATCS VSCS

Training Manager: AMA-530 Course Length: 4 hour(s)

This course provides a detailed overview of the Voice Switching and Control System (VSCS) from an ATCS perspective. Special emphasis is placed on the characteristics, positions, and subsystems involved in ground-to-ground and air-to-ground communications. This lesson includes questions and practice exercises that allow the ATCS to learn how to operate the VSCS. This lesson is equivalent to Course 55053, Assistant Controller Training, lesson E-5-3 and E-5-4.

Prerequisites: None
And one of the following: None

57101 (CBI) SATCS VSCS

Training Manager: AMA-530 Course Length: 4 hour(s)

This course describes all the functional and operational characteristics of the VSCS supervisory workstation necessary for the operation supervisors to perform their duties. This lesson includes questions and practice exercises that allow the SATCS to learn how to operate and configure the VSCS system.

Prerequisites: None
And one of the following: None

57110 (CBI) GPS Air Traffic Satellite Navigation

Training Manager: AMA-530 Course Length: 2 hour(s)

This course gives an overview of how the GPS operates. It covers receiver types and equipment suffixes associated with GPS, RAIM, GPS anomalies, and GPS NOTAMS. It also explains GPS users in aviation and how navigation is affected by GPS. The course gives in-depth information about GPS approaches. The basic 'T' and terminal arrival areas are introduced and the changes on the GPS approach plates are explained. The course explains RAIM forecasting. Retrieving and interpreting both 24-hour and 3-hour is covered as well as special messages displayed on the MI console.

Prerequisites: None
And one of the following: None

57135 (CBI) Labor Statutes, Laws, and Contracts (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

This course presents the provisions of federal labor laws and negotiated agreements common to workplace issues. Provides first line supervisors the opportunity to review and resolve real world air traffic problems by applying federal labor laws and negotiated agreements. Formerly MGT01 and 12721.

Prerequisites: None
And one of the following: None

57136 (CBI) Management's Rights and Responsibilities (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

Management's rights and responsibilities, as defined by federal law and negotiated bargaining unit agreements are addressed in this course. This includes permissive and prohibitive topics for negotiation, Title V use, Section 7106 of the federal service labor management relations statute. Formerly MGT02 and 12722.

Prerequisites: None
And one of the following: None

57137 (CBI) Union and Employee Rights and Responsibilities (AT)

Training Manager: AMA-530 Course Length: 1 hour(s)

In this course, supervisors will apply the requirements of appropriate collective bargaining agreements as they relate to the union and employee rights and responsibilities. Formerly MGT03 and 12703.

Prerequisites: None
And one of the following: None

57138 (CBI) Grievances and Unfair Labor Practices (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

When presented with real-world scenarios, the first-line supervisor will learn about issues that typically result in grievances and ULP's, how to resolve issues at the lowest level, and about the grievance and ULP process. Formerly MGT04 and 12704.

Prerequisites: None
And one of the following: None

57139 (CBI) The Bargaining Process (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

The objective of this lesson is to build a better understanding of the bargaining process. Impact and implementation, interest-based, and

positional bargaining are some of the topics covered. Formerly course MGT05 and 12705.

Prerequisites: None
And one of the following: None

57140 (CBI) MOU's, Facility Directives, and Past Practices (AT)

Training Manager: AMA-530 Course Length: 1 hour(s)

This course identifies appropriate topics for local MOU's and facility directives, past practices, and how air traffic facilities can resolve problems associated w ith them. Formerly course MGT06 and 12706.

Prerequisites: None
And one of the following: None

57141 (CBI) Participative Management (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

This course covers partnership, participative management, and describes how these management styles can be incorporated in the first-line supervisor's management style. Specific emphasis is placed on Executive Order 12871, management's non-negotiable operational responsibilities and the importance of establishing trust, open communication, and building a cooperative w ork environment. Formerly course MGT07 and 12707.

Prerequisites: None
And one of the following: None

57142 (CBI) Managing Issues in the Workplace (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

Through scenario-based interaction, techniques and strategies for resolving problems in the w orkplace are demonstrated. Supervisors w ill be given the opportunity to apply the five basic problem-solving steps, discriminate betw een resolving issues and negotiations, and identify good communication techniques. Formerly course MGT08 and 12708.

Prerequisites: None
And one of the following: None

57143 (CBI) EEO and the FAA Model Workforce (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson describes the supervisors' roles and responsibilities concerning equal employment opportunity and model w ork

environment. Formerly course MGT09 and 12709.

Prerequisites: None
And one of the following: None

57144 (CBI) Supervisory Notes (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

Supervisors w ill learn the difference betw een supervisory notes and agency records, appropriate and inappropriate notes, and the importance of supervisory notes as memory joggers. Supervisors w ill get the opportunity to take notes during the lesson and use these notes to resolve real w orld issues. Formerly course MGT10 and 12710.

Prerequisites: None
And one of the following: None

57145 (CBI) Using EAP Resources (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson covers the Employee Assistance Program (EAP), the services offered, and the procedures for using EAP. Special emphasis is placed on the supervisor's responsibility for making formal and informal referrals. Formerly course MGT11 and 12711.

Prerequisites: None
And one of the following: None

57146 (CBI) Safety and Health of the Work Unit (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson describes the duties and responsibilities as directed by the FAA ATCS Health Program, Occupational Safety and Health Act, and other applicable law s, rules and regulations. First-line supervisors w ill have an opportunity to w ork through scenarios that deal w ith on-the-job injuries, asbestos, and other safety related issues. Formerly course MGT12 and 12712.

Prerequisites: None
And one of the following: None

57147 (CBI) Interpersonal Skills (Air Traffic)

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson presents techniques to enhance interpersonal skills. The techniques include: active listening; feedback; assertion; consistent interactions; and conflict resolution. Supervisors w ill observe real-w orld scenarios and identify effective and ineffective interpersonal skills. Formerly course MGT13 and 12713.

Prerequisites: None
And one of the following: None

57148 (CBI) Performance Management and Awards (Air Traffic)

Training Manager: AMA-530   Course Length: 1 hour(s)

How first-line supervisors recognize superior employee performance and correct poor employee performance are the main topics of this course. Special emphasis is placed on the supervisors role in the FAA's Performance Planning and Recognition System (PPRS). Formerly course MGT14 and 12714.

Prerequisites: None
And one of the following: None

57149 (CBI) Technical Training Administration (Air Traffic)

Training Manager: AMA-530   Course Length: 1 hour(s)

This course prepares supervisory personnel to administer, support, and promote the FAA training program. Formerly course MGT15 and 12715.

Prerequisites: None
And one of the following: None

57150 (CBI) Leave Administration (Air Traffic)

Training Manager: AMA-530   Course Length: 1 hour(s)

This course covers the rules and regulations of the Family and Medical Leave Act, Family Friendly Leave Act, leave without pay, and other leave categories. This lesson contains a reference of the specific requirements for each type of leave and describes methods and procedures for resolving suspected leave abuse. Formerly course MGT16 and 12716.

Prerequisites: None
And one of the following: None

57151 (CBI) Ethics and Employee Conduct On and Off the Job (AT)

Training Manager: AMA-530   Course Length: 1 hour(s)

Utilizing FAA orders and contracts, first-line supervisors will have the opportunity to resolve real-world issues by applying the procedures for handling conduct and ethics on and off the job. Supervisors will learn about the elements of just cause, Douglas factors, and procedures for managing reoccuring conduct problems through coaching, modeling, and progressive discipline. Formerly course MGT17 and 12717.

Prerequisites: None
And one of the following: None

57152 (CBI) Stress and Trauma Management (Air Traffic)

Training Manager: AMA-530   Course Length: 1 hour(s)

Managing stress and trauma in the workplace are the main topics of this course. First-line supervisors are given the opportunity to learn about stress and trauma. In addition, the symptoms and sources of stress, strategies, and resources available for managing stress are included. Formerly course MGT18 and 12718.

Prerequisites: None
And one of the following: None

57153 (CBI) Organization of Work (Air Traffic)

Training Manager: AMA-530   Course Length: 1 hour(s)

In this course, supervisors will learn several strategies for prioritizing and balancing operational and administrative duties. Special emphasis is placed on identifying common time wasters, components of effective time management, and developing a time management action plan. Formerly course MGT19 and 12719.

Prerequisites: None
And one of the following: None

57154 (CBI) Career Development and Organizational Perspective

Training Manager: AMA-530   Course Length: 1 hour(s)

In this course, first-line supervisors will learn about the Merit Promotion Program, mentoring, Individual Development Plans (IDP's), and benefits of these programs for the agency, supervisor, and employee. Formerly course MGT20 and 12720.

Prerequisites: None
And one of the following: None

57203 (CBI) Weather Satellite Data Interpretation

Training Manager: AMA-530   Course Length: 6 hour(s)

This computer-based course is a computer-based replacement for conventional training course 55203 of the same name. It is designed to prepare flight service specialists, ARTCC supervisors and Traffic Management Unit specialists to correctly interpret satellite data information both visible and infrared obtained from the Operational and Supportability Implementation System (OASIS) and the Weather and Radar Processor (WARP).

that all users need to know to use CRU-OPS.

Prerequisites: None
And one of the following: None

57248 (CBI) OASIS Computer-Based Specialist Training

Training Manager: AMA-530   Course Length: 6 hour(s)

This CBI course is an integral part of a computer-based/conventional training program designed to prepare flight service specialists to operate the Operational and Supportability Implementation System (OASIS) through interaction with the Weather Information and Navigational Graphics System (WINGS) and Weather Information Network Display (WIND) application software. These two software programs are the specialist's interface to flight planning and weather information.

Prerequisites: None
And one of the following: None

57301 (CBI) Severe Weather

Training Manager: AMA-530   Course Length: 4 hour(s)

This training includes the following topics: information collection and dissemination; thunderstorms; thunderstorm life cycles; and hazardous phenomena and their effects. The objective of this training is to aid the facility training administrators in delivering information on weather to developmental and full-performance-level controllers.

Prerequisites: None
And one of the following: None

57302 (CBI) CRU-Support

Training Manager: AMA-530   Course Length: 1 hour(s)

This is an interactive course that provides instruction in the use of CRU-Support software. This course provides training for all levels of access within CRU-Support and features hands-on practice within a simulated software environment. Topics covered in this course include: viewing your own information; changing your user name and password; crew management; time and attendance; and administrative functions. This is the first in a series of four courses providing instruction in the use of CRU-X software suite.

Prerequisites: None
And one of the following: None

57303 (CBI) CRU-OPS

Training Manager: AMA-530   Course Length: 1 hour(s)

This course is the second in a series of interactive courses providing instruction in the use of the CRU-X software suite. This course includes instruction for supervisors/CIC's as well as all information

57304 (CBI) CRU-Brief

Training Manager: AMA-530   Course Length: 1 hour(s)

The CRU-brief training course is the third in a series of interactive courses providing instruction in the use of the CRU-X software suite. This course includes instruction for basic users, facility representatives, air traffic managers, operations supervisors, and training administrators.

Prerequisites: None
And one of the following: None

57400 (CBI) STARS (TDW) FSL/ESL Air Traffic Training

Training Manager: ATX-100   Course Length: 18 hour(s)

This course is designed to provide certified professional controllers (CPC's) with the knowledge and skills required to operate in Full and Emergency Service Levels (FSL/ESL) in air traffic control towers. The air traffic control function set is present as used on a tower display workstation. It is presented in 26 modules.

Prerequisites: None
And one of the following: None

57401 (CBI) STARS EDC/ESL Air Traffic Operator's Training

Training Manager: ATX-100   Course Length: 8 hour(s)

This vendor-developed computer-based instruction special issue course is designed to provide certified professional controllers with the knowledge and skills necessary to operate STARS while operating in an emergency or existing automation service level (ESL/EASL). The course includes a system overview and ESL/EASL air traffic control function set training. The course is presented in eight modules.

Prerequisites: None
And one of the following: None

57402 (CBI) STARS (TCW) FSL/ESL Air Traffic Operator's Training

Training Manager: ATX-100   Course Length: 18 hour(s)

This vendor-developed computer-based instruction special issue course is designed to provide certified professional controllers with the knowledge and skills necessary to operate STARS in full- and

emergency-service levels (FSL/ESL). It includes a system overview and provides instruction on the FSL air traffic control function set. The training is presented in 26 modules.

Prerequisites: None
And one of the following: None

57511 (CBI) Limited Aviation Weather Reporting Stations

Training Manager: AMA-530 Course Length: 16 hour(s)

This course is designed to prepare the student to take the National Weather Service LAWRS certification examination. Students receive an introduction to the MF10-1C form and in-depth instruction on the seven elements reported by LAWRS reporting stations. Upon completion of the instruction, the students will take the National Weather Service exam which requires a passing score of 80%. Students who fail to achieve a passing score may retake the test, after 14 days have passed.

Prerequisites: None
And one of the following: None

57600 (CBI) Staff-Quality Assurance

Training Manager: AMA-530 Course Length: 6 hour(s)

This course provides training for en route, terminal, and flight service personnel assigned quality assurance duties. This course identifies the requirements for processing aircraft accidents, incidents, evaluation action items, operational errors and deviations, and FOIA requests. resources required: FAA Orders 7210.56 and 8020.11.

Prerequisites: None
And one of the following: None

57826 (CBI) Recording Clearances and Control Information

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson provides training for en route developmental certified professional controllers. The training defines each box of an en route flight strip, control symbology, and proper strip marking. This CBI lesson is equivalent to course 55054 lesson E-8-26.

Prerequisites: None
And one of the following: None

57827 (CBI) Radio and Interphone Communication

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes verbal format and

phraseology for communicating with pilots and controllers. This CBI lesson is equivalent to course 55054 lesson E-8-27.

Prerequisites: None
And one of the following: None

57833 (CBI) General Control and Board Management

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes duty priorities, procedural preferences, special interest flights, military procedures, and other items involving daily control of aircraft. This CBI lesson is equivalent to course 55054 lesson E-8-33.

Prerequisites: None
And one of the following: None

57834 (CBI) IFR Clearances and Route Assignments

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes duty priorities, procedural preferences, special interest flights, military procedures, and other items involving daily control aircraft. This CBI lesson is equivalent to course 55054, lesson E-8-33.

Prerequisites: None
And one of the following: None

57835 (CBI) IFR Flight Direction and Altitude Assignment

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes phraseology and procedures for altitude assignment, restrictions, verification, and issuing current altimeter settings. This CBI lesson is equivalent to course 55054, lesson E-8-35.

Prerequisites: None
And one of the following: None

57838 (CBI) Approaches

Training Manager: AMA-530 Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes identifying components of a standard instrument approach procedure. It includes procedures and phraseology for clearing aircraft for approach and describes conditions where visual approaches may be authorized. This CBI

lesson is equivalent to course 55054 lesson E-8-38.

Prerequisites: None
And one of the following: None

57839   (CBI) Initial Separation of Departures and Arrivals

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes procedures for separating successive departures and departures with arrival aircraft at the same airport. It also contains procedures and phraseology for authorizing a non-approach control tower to provide visual separation between departing and arriving aircraft. The CBI lesson is equivalent to Course 55054 lesson E-8-39.

Prerequisites: None
And one of the following: None

57840   (CBI) Holding Aircraft

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for enroute developmental and certified professional controllers. The training includes clearance to a holding fix, charted holding, non-charted holding, no-course signal zone, delays, special holding procedures, and clearance beyond a fix. This CBI lesson is equivalent to course 55052, lesson E-8-40.

Prerequisites: None
And one of the following: None

57842   (CBI) Forwarding Control Information

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training identifies IFR flight progress data that must be forwarded to appropriate ATC facilities, automated flight services stations, and base operations, identifies time requirements and strip marking for forwarding flight plans and amendments. This CBI lesson is equivalent to course 55054 lesson E-8-42.

Prerequisites: None
And one of the following: None

57844   (CBI) Air Traffic Services

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training identifies duties relating to air traffic control including issuing flight information, safety and terrain/obstruction alerts, traffic advisories, and weather

dissemination. This CBI lesson is equivalent to course 55054 lesson E-8-44.

Prerequisites: None
And one of the following: None

57845   (CBI) Lost Communication Procedures

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training identifies situations of lost communication with aircraft and/or other facilities. It includes procedures to analyze which component has failed and possible solutions to reestablish communication. This CBI lesson is equivalent to course 55054 lesson E-8-45.

Prerequisites: None
And one of the following: None

57847   (CBI) VFR and VFR-on-Top Procedures

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes procedures and pharaseology for providing VFR and VFR-on-Top clearances and requirements. It includes requirements and phraseology for issuing traffic advisories. This CBI lesson is equivalent to course 55054 lesson E-8-47.

Prerequisites: None
And one of the following: None

57905   (CBI) Beacon Code Assignment

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes computer entries, requirements, and phraseology for assigning and monitoring aircraft beacon codes. This CBI lesson is equivalent to course 55055, lesson E-11-5.

Prerequisites: None
And one of the following: None

57906   (CBI) Radar Identification

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes criteria for establishing and maintaining radar identification and appropriate radar data processing message entries. This CBI lesson is equivalent to course 55055, lesson E-11-6.

**Prerequisites: None
And one of the following: None**

57907 (CBI) Radar Handoff and Point Out

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes procedures and phraseology for transferring radar identification from one controller to another. This CBI lesson is equivalent to course 55055, lesson E-11-7.

**Prerequisites: None
And one of the following: None**

57908 (CBI) Radar Separation and Safety Alerts

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes minimum radar separation standards for aircraft to aircraft, aircraft to adjacent airspace, and aircraft to obstructions. It also includes issuing safety alerts, verifying altitude, and VFR-on-top operations. This CBI lesson is equivalent to Course 55055, lesson E-11-8.

**Prerequisites: None
And one of the following: None**

57909 (CBI) Radar Vectoring

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes reasons, methods, and phraseology for vectoring aircraft. It also includes inputs for route displays and reroute messages. This CBI lesson is equivalent to course 55055, lesson E-11-9.

**Prerequisites: None
And one of the following: None**

57910 (CBI) Radar Departures and Arrivals

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes message entries for assigning altitudes, vectoring methods for arrival aircraft, visual approaches, and issuing advanced approach information. This CBI lesson is equivalent to course 55055, lesson E-11-10.

**Prerequisites: None
And one of the following: None**

57912 (CBI) Radar Emergencies

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes guidelines and rules to be used during emergency situations. This includes frequency management, ELT's, VFR emergencies, and procedures for finding lost aircraft. This CBI lesson is equivalent to course 55055, lesson E-11-12.

**Prerequisites: None
And one of the following: None**

57913 (CBI) Additional Services

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes priority of duties, workload, and procedures, conditions, and phraseology for providing additional services. This includes traffic advisories, merging target procedures, weather, and bird activity. This CBI lesson is equivalent to course 55055, lesson E-11-13.

**Prerequisites: None
And one of the following: None**

57915 (CBI) Position Relief and Briefing

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training emphasizes the importance of a complete relief briefing. It identifies controller responsibilities and demonstrates the step-by-step process for relief briefings. This CBI lesson is equivalent to course 55054 lesson-11-15.

**Prerequisites: None
And one of the following: None**

57917 (CBI) Radar Controller Scan

Training Manager: AMA-530   Course Length: 1 hour(s)

This lesson provides training for en route developmental and certified professional controllers. The training includes terms and definitions associated with scanning along with factors involved in the decision-making process. This CBI lesson is equivalent to course 55055, lesson E-11-17.

**Prerequisites: None
And one of the following: None**

58006 Terminal Doppler Weather Radar (TDWR)

Training Manager: AMA-513   Course Length: 24 hour(s)

This course is designed to train air traffic control specialists (ATCS) and supervisory personnel in the use and operation of the Terminal Doppler Weather Radar (TDWR) System. The course consists of classroom and laboratory instruction on the TDWR System. This training will enable facility personnel to attain certification on the TDWR equipment.

Prerequisites: None
And one of the following: None

58007   Telecommunications Processor Air Traffic Control Specialist

Training Manager: ATX-100   Course Length: 8 hour(s)

Prerequisite to this course a student should be a development-level controller. The course is designed for air traffic control specialists. The training includes classroom lecture and computer simulation in a lab setting. The course objective is to train specialists how to operate telecommunications processor sector work stations. The course includes system overview, monitor adjustments, work station keyboard including message composition, and historical message search and scroll features. Special information: Stand-alone training simulator will be available at Oakland and New York ARTCC. Training conducted by Hughes Aircraft.

Prerequisites: None
And one of the following: None

58008   ODL Air Traffic Control Specialist

Training Manager: ATX-100   Course Length: 40 hour(s)

This course is designed for air traffic control specialists who will use oceanic data link (ODL) for air traffic communications. The course consists of classroom lecture, training simulator laboratory, and examinations. Subject areas include system overview, followed by ODL air traffic control operations that cover the various ODL sector workstation display windows and message composition.

Prerequisites: None
And one of the following: None

58009   Interim Situation Display for ATCS

Training Manager: ATX-100   Course Length: 8 hour(s)

This is a contractor developed and administered, field-conducted course to train air traffic control specialists in the operation of the interim situation display (ISD). It includes the functions and use of icons, Windows, switches, controls, and indicators on the ISD. The course is intended for ATCS's and supervisory personnel assigned to oceanic control duties. Lecture and laboratory methods are used. Laboratory exercises are performed using the ISD in a simulated environment.

Prerequisites: None
And one of the following: None

59015   ATC Instructor Cadre Training for ITWS Operation

Training Manager: ATX-100   Course Length: 24 hour(s)

This course is designed to provide air traffic control specialists the knowledge and skills necessary to operate the integrated terminal weather system (ITWS). It includes a system overview. The course consists primarily of system operation using ITWS human interfaces. The student will be able to execute all operational commands at the conclusion of the course.

Prerequisites: None
And one of the following: None

59028   Ocean 21 Air Traffic Operator Training

Training Manager: ATX-100   Course Length: 160 hour(s)

This course is designed for air traffic control specialists and air traffic control supervisors. The course is delivered in modules, and each module consists of a lecture followed by extensive hands-on application and observation using the Ocean 21 simulator. At the completion of the course, the trainee will have demonstrated sufficient knowledge and skill using Ocean 21 functions to be able to provide oceanic area air traffic service.

Prerequisites: None
And one of the following: None

59033   Ocean 21 for Air Traffic Support Specialists

Training Manager: ATX-100   Course Length: 40 hour(s)

This course is designed for air traffic support specialists and air traffic control supervisors. The course is delivered in modules, and each module consists of a lecture followed by extensive hands-on application and observation using the Ocean 21 simulator. At the completion of the course, the trainee will have demonstrated sufficient knowledge and skill using Ocean 21 simulator functions to be able to develop a scenario and act as a pseudo-pilot and pseudo-ATSU (Air Traffic Service Unit).

Prerequisites: None
And one of the following: None

59034   STARS ATcoach Scenario Generation

Training Manager: ATX-100   Course Length: 40 hour(s)

This course is designed to teach the student how to use the ATcoach applications necessary to create a complex STARS training scenario. The course introduces the student to all of the peripherals that are

necessary to complete a scenario. The student is introduced to the applications used by ATcoach for scenario generation: aircraft model file; ATcoach support menu, w hich includes the editors for creating the scenario; and simulation site (adaptation) file. The student w ill create local approach procedures during the lab sessions and create several scenarios of varying intensities from scratch. The course includes five classroom lectures, tw o classroom labs, and four practical labs.

Prerequisites: None
And one of the following: None

59035   Ocean 21 for Supervisory/Controller-In-Charge

Training Manager: ATX-100   Course Length: 16 hour(s)

This vendor-developed course is designed for supervisory air traffic specialists and controller-in-charge personnel. It consists of six lessons follow ed by extensive hands-on application. At completion the student w ill have demonstrated the supervisory know ledge and skill set using the Ocean 21 simulator functions to develop scenarios, perform pseudo-pilot commands, and act as adjacent air traffic facilities. Subject matter includes airspace sectorization, w orkload management and base sector modification, sids/star processing, airspace reservation processing, NOTAM processing, system failure assistance, specify current contact frequency for CPDLC transfer of voice communications.

Prerequisites: 59028
And one of the following: None

59041   EDC to Full STARS Delta Air Traffic Operators Training

Training Manager: ATX-100   Course Length: 56 hour(s)

This course is designed to teach controllers w ho are trained on the STARS EDC System the operation of the Full-service STARS System. The course is 7 days in length. The first day provides orientation to controllers from control tow ers w ho have not had exposure to the STARS System. Attendance by those w ho have had EDC training is not required. The next 5 days are training on the operations of the full STARS service level. It consists of 28 lessons and 27 laboratory exercises. The final day is training on the ATcoach simulator load procedures and pseudo pilot commands.

Prerequisites: None
And one of the following: 55401, 59401

59401   STARS Cadre EDC/ESL Air Traffic Operator's Training

Training Manager: ATX-100   Course Length: 40 hour(s)

This course is designed to teach qualified certified professional controllers cadre instructors the operation of the STARS Early Display

Capability (EDC) system. This course provides theoretical and practical instruction in operating the STARS terminal controller w orkstation (TCW) in emergency service level (ESL) mode. An operational description of the TCW provides the controllers w ith the know ledge to be able to operate the TCW in existing automation service level (EASL) and ESL modes. The course consists of an introduction to STARS, four lessons covering the operation of the TACW in EASL/ESL modes, and four laboratory sessions to give students practical training in EASL/ESL operation.

Prerequisites: None
And one of the following: None

59402   STARS Cadre FSL/ESL Air Traffic Operator's Training

Training Manager: ATX-100   Course Length: 56 hour(s)

This course is designed to teach qualified certified professional controllers (selected as cadre instructors) the operation of the Standard Terminal Automation Replacement System (STARS) in Full Service Level (FSL) and Emergency Service Level (ESL) modes. The course provides theoretical and practical instruction in the operation of the STARS terminal controller w orkstation (TCW) and tow er display w orkstation (TDW) in both modes. This course consists of an introduction to STARS and 27 lessons covering all aspects of operation of the tdw and tcw . The course provides 27 lab sessions to provide students practical training in all aspects of STARS.

Prerequisites: None
And one of the following: None

59403   STARS ATcoach Exercise Setup and Pilot Training.

Training Manager: ATX-100   Course Length: 24 hour(s)

This course takes the student through a tw o-step process: (1) using ATcoach to configure an exercise for training and (2) performing the pilot commands in response to controller inputs. The course covers all steps necessary for configuring an exercise at either a STARS terminal controller w orkstation (TCW) or STARS general purpose w orkstation (GPW), and the functionality of running a pilot on either platform. The course includes three classroom lectures, tw o classroom labs, and tw o practical laboratory sessions.

Prerequisites: None
And one of the following: None